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Structural and Financial Characteristics of U.S. Farms, 1991

16th Annual Family Farm Report to Congress

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Abstract

About 2.1 million farms operated 854 million acres of land in the contiguous United States in 1991. The average land operated was 407 acres per reporting farm. The value of gross farm sales, a measure of what the farm has produced during the year, was estimated at \$145.5 billion, or \$69,298 per farm. Gross cash farm income, a measure of cash actually received by the farm business during the year, totaled \$130.7 billion, with 44 percent from crop sales, 42 percent from livestock sales, 9 percent from other farm-related income, and 5 percent from government payments. This report, the 16th Annual Family Farm Report to Congress, is the second in a series of reports designed to provide annual data on the major structural and financial characteristics of the farm sector as portrayed by the Farm Costs and Returns Survey.

Keywords: Farm Costs and Returns Survey, farm structure, farm financial situation, farm operator household income.

Preface

This publication is based on the 16th annual report to the Congress on the status of family farms. These reports have been submitted to Congress in accordance with the Food and Agriculture Act of 1977 as amended.

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Summary

About 2.1 million farms operated 854 million acres of land in the contiguous United States during 1991. The average land operated was 407 acres per reporting farm. The value of gross farm sales, a measure of what the farm has produced during the year, was estimated at \$145.5 billion, or \$69,298 per farm. Gross cash farm income, a measure of cash actually received by the farm business during the year, totaled \$130.7 billion, with 44 percent from crop sales, 42 percent from livestock sales, 9 percent from other farm-related income, and 5 percent from government payments. This report, the 16th Annual Family Farm Report to Congress, is the second in a series of reports designed to provide annual data on the major structural and financial characteristics of the farm sector as portrayed by the U.S. Department of Agriculture's Farm Costs and Returns Survey (FCRS).

The report shows how the Nation's farm sector is organized to use and control its resources and the financial and economic results of its activities. Information is presented on five basic categories: characteristics of farm operations, farmland ownership and use, financial and economic well-being, characteristics of farm operators, and farm operator households' dependence on farming. The 1991 FCRS data provide the following information:

Individual operations were the most common type of organization, accounting for the majority of farms (92 percent), total acres operated (77 percent), and gross farm sales (66 percent). However, in terms of mean acres operated and mean farm sales, individual operations were smaller than farms operated as partnerships or corporations.

The most common types of farms were beef, hog, or sheep farms (43 percent of all farms) followed by cash grain farms (19 percent). These two farm types also accounted for the most total acres operated and most farm sales.

In terms of acres operated, most U.S. farms are small; 28 percent had fewer than 50 acres and 58 percent had fewer than 180 acres. Most farms are also small in terms of gross farm sales; almost half had sales of less than \$10,000.

Twenty-nine percent of all farms removed about 73 million acres of cropland, or 9 percent of total acres operated on farms, from production in 1991. The 10-year Conservation Reserve Program accounted for 40 percent of the cropland idled, followed by the set-aside program (30 percent) and summer fallow (29 percent).

The total value of gross farm sales in 1991 was estimated at \$145.5 billion, or \$69,298 per farm. Gross farm sales is a measure of what the farm has produced during the year, including both the farm business operation's and landlord's shares of farm product sales and government payments. It also includes most of the contractor's share of the value of production.

In 1991, farm businesses received an estimated \$130.7 billion in gross cash farm income, or an average \$66,733 per reporting farm. Unlike gross farm sales, gross cash farm income includes only the share received by the farm business. In addition, gross cash farm income includes farm-related income and can include cash from the sale of

products produced in earlier years. Crop sales (44 percent) and live-stock sales (42 percent) accounted for most of total gross cash income. Other farm-related income accounted for 9 percent and government farm payments accounted for 5 percent.

Cash expenses totaled \$111.3 billion in 1991, for an average \$53,170 per reporting farm. Net cash farm income (gross cash income minus cash expenses) was \$19.4 billion in 1991 and averaged \$9,250 per reporting farm.

Classification of farm businesses by their combined income and solvency status revealed that 58 percent of farms in 1991 were in a favorable financial position.

Operators of commercial farms (with sales of \$40,000 or more annually) were significantly more likely to work primarily in farming occupations than were operators of small farms; 91 percent of commercial farm operators reported farming or hired farm manager as their principal occupation in 1991, while 58 percent of small farm operators had principal occupations other than farming.

Average household income, including farm and all off-farm sources of income, for all farm operator households was \$36,031 in 1991. Only 12 percent of this income was attributed to farm income; however, the 1991 data show variation in the degree to which farm operator households depended on farm income.

Households operating commercial farms generally had higher average income than households operating small farms (\$43,020 per commercial farm compared with \$33,033 per small farm). For households operating commercial farms, farm income accounted for about half of the average total household income. Households operating small farms were, on average, solely dependent on income from off-farm sources.

Structural and Financial Characteristics of U.S. Farms, 1991

16th Annual Family Farm Report to Congress

Judith Z. Kalbacher, Victor J. Oliveira, and Susan E. Bentley

Introduction

This report, the 16th Annual Family Farm Report to Congress, provides information on the major structural and financial characteristics of farms in 1991 based on data obtained from the U.S. Department of Agriculture's (USDA) Farm Costs and Returns Survey (FCRS). Farm structure refers to how different size and type farms organize natural, financial, and human resources to produce food and fiber and how the income and wealth that result from it are distributed. Farm structure is important to the efficiency of resource use and productivity of the natural resource base, affecting the quantity and quality of output available for domestic and foreign consumption. Structural issues affect the well-being of people involved in farming, as well as those in closely linked industries. Information on the financial characteristics of farms is necessary to assess policy needs and to evaluate the effectiveness of farm policies and programs.

The series of Family Farm Reports originated with the Food and Agricultural Act of 1977 which required USDA to prepare a report to Congress that provided information on the trends in family and nonfamily farm operations, and the effects of government programs and Federal laws on the family farm system. Since that time, Congress has continued to require Family Farm Reports on an annual basis, although the scope and content of the reports have changed. This report, the latest in the series of Congressionally mandated Family Farm Reports, provides timely farm structural information unavailable from any other single publication.

This report provides a comprehensive overview of the major structural and financial characteristics of the Nation's farms. The data fall into five basic categories:

Characteristics of farm operations—provides information on the types of farm, forms of farm organization, and acreage and sales classes of farms.

Farmland ownership and use—measures the total amount of land operated, and the arrangements under which land is held and operated.

Financial and economic well-being—measures the income and wealth status of farms.

Characteristics of farm operators—provides information about the people who operate farms and the tenure arrangements under which land is operated.

Farm operator households' dependence on farming—provides a sense of the importance of farming to operator households.

These variables, taken together, show how the Nation's farms are organized to use and control resources and the financial and economic results of farming activities.

The first part of this report examines the major structural and financial characteristics of the farms in 1991. Detailed definitions of terms used in this report are presented in appendix A, and technical information about the FCRS is provided in appendix B. Additional detailed data that include the types of information frequently requested by policymakers and the public are presented in the appendix tables.

Source of Data

The data in this report are from the 1991 Farm Costs and Returns Survey (FCRS). The FCRS is conducted annually by USDA's Economic Research Service and National Agricultural Statistics Service in all States except Alaska and Hawaii. The FCRS is the only national-level data source on farm structure that is available on an annual basis. FCRS data for 1990 were used in preparing the earlier 15th Annual Family Farm Report to Congress. That report was the first to examine the major structural and financial characteristics of farms using the FCRS (Kalbacher, Bentley, and Reimund, 1994). In that report, the estimated number of farms represented 82 percent of USDA's official number of farms for that year. However, new estimating procedures were implemented with the 1991 data to provide complete coverage of all U.S. farms. As a result, data presented in this report are not directly

comparable to data presented in the previous family farm report.

Variations in sample design and survey procedures influence the conclusions reached about the structure and financial characteristics of farms based on the survey data. To provide a perspective on the reliability of the data, relative standard errors (RSE's), or indicators of their magnitude, are included for all survey items in the tables. Because the reliability of estimates is questionable when the RSE exceeds 25 percent, data users should exercise caution when interpreting items with RSE's of this magnitude or higher. See appendix B for a detailed explanation of this statistic. Statements of comparisons in the text are statistically significant with a 95-percent or higher confidence level.

National and Regional Highlights

The fundamental measures of farm structure are the number and size distribution of farms. Farms in the FCRS are defined as "all establishments that sold or would normally have sold at least \$1,000 of agricultural products during the year." This definition is consistent with the definition of farms generally used in Federal Government statistics. Under this definition, a variety of operations, ranging from small, part-time farms to large commercial operations, are included in the count of farms. Two measures of farm size were used in this report: acres operated, a resource-based measure; and gross farm sales, an output-based measure.

Number of Farms

Estimates from the 1991 FCRS indicate that there were 2.1 million farms in the contiguous United States (table 1). This estimate is fully comparable to the official USDA estimate of farms in the 48 States prepared by the National Agricultural Statistics Service (USDA, NASS, 1993).

To determine regional patterns, the data were examined by the major U.S. farming regions (fig. 1). These regions are commonly used by the Economic Research Service and the National Agricultural Statistics Service in their ongoing work on the farm sector. The regional estimates indicate that the Corn Belt had the largest number of farms, 21 percent of all farms in 1991.

Land in Farms

Total acres of farmland operated is defined as agricultural land owned, plus land rented from others, less land rented to others, plus land both used and rented to others.¹ U.S. farmers operated about 854 million

acres of land in 1991, averaging 407 acres per farm (table 1). Because average farm size varies across regions, the geographic distribution of farmland differed from the distribution of farms. Four regions—Northern Plains, Mountain, Southern Plains, and Corn Belt—accounted for 68 percent of total acres operated. The Northeast had the fewest acres of farmland operated, accounting for only 3 percent of the U.S. total. The largest farms, as measured by mean acres operated, were found in the Mountain (1,233 acres) and Northern Plains (920 acres) regions. In contrast, the Appalachian (156 acres) and Northeast (172 acres) regions had the smallest farms.

Gross Farm Sales

The value of gross farm sales, a measure of what the farm has produced during the year, includes both the farm business operation's and landlord's shares of farm product sales and government payments. It also includes most of the contractor's share of the value of production. In 1991, gross farm sales totaled \$145.5 billion, or an average \$69,298 per farm (table 1). The Corn Belt led the Nation with sales of \$30 billion, or 21 percent of the U.S. total. Average sales were lowest for farms in the Appalachian region (\$29,530 per farm); other regional patterns cannot be stated with certainty because of sampling variability.

Characteristics of Farm Operations

Generalizing about farms is difficult because of the wide diversity in the way farms are organized and operated across the United States. Classification of farms into categories based on selected characteristics, such as form of organization, type of farm, acreage class, and gross farm sales class illustrates this diversity.

Farm Organization

Survey farms were identified as individual operations, partnerships, corporations, or cooperatives. Because of the small number of cooperative farms (less than 1 percent of all farms), they were dropped from the tabulations pertaining to farm organization. Individual operations were the most common type of organization, accounting for the majority of farms (92 percent), total acres operated (77 percent), and gross farm sales (66 percent) (table 2). However, they were the smallest farms in terms of mean acres operated (344) and mean farm sales (\$49,923). Partnerships accounted for 6

¹Total acres operated excludes acres used on an animal-unit-month basis (fee per head) on land administered or controlled by a public agency, industrial corporation, or grazing association.

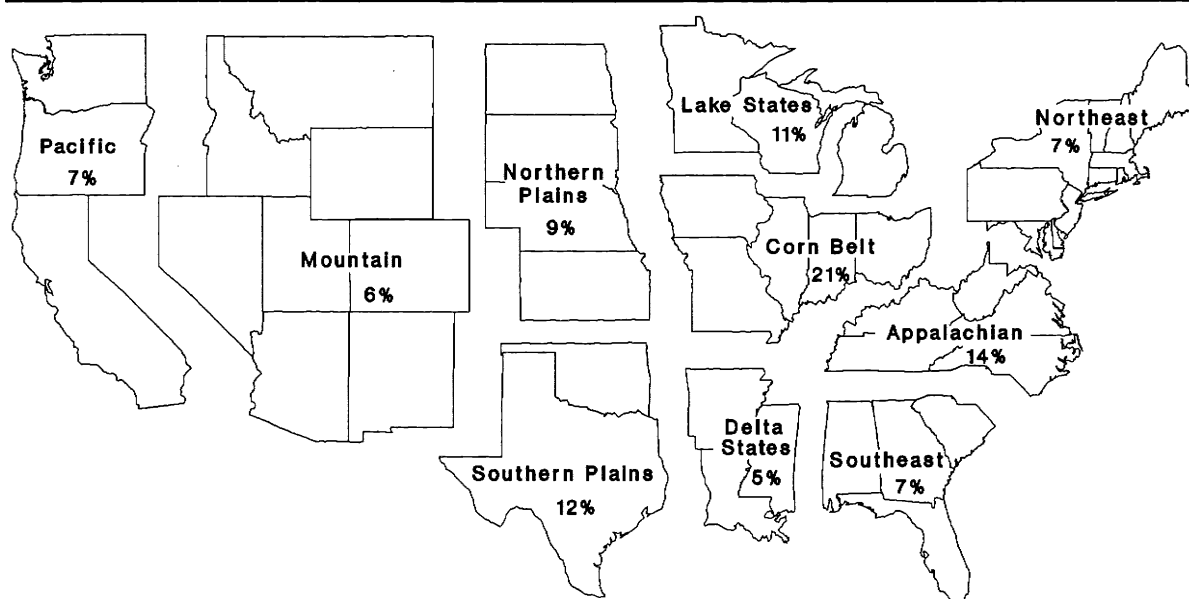
Table 1—Farms, acres operated, and gross farm sales, by region, 1991

Region	Farms		Acres operated		Mean acres operated		Gross farm sales		Mean gross farm sales	
	Number	RSE	1,000 acres	RSE	Acres	RSE	1,000,000 dollars	RSE	Dollars	RSE
All regions	2,099,900	1.9	854,226	2.4	407	2.7	145,518	2.9	69,298	3.4
Northeast	146,000	5.0	25,160	4.7	172	4.7	9,494	8.2	65,026	8.8
Lake States	221,000	5.2	59,901	4.2	271	4.5	15,550	4.9	70,361	6.5
Corn Belt	436,000	4.0	126,456	3.2	290	3.7	30,263	3.1	69,409	4.3
Northern Plains	193,000	6.5	177,588	7.8	920	8.5	21,457	13.8	111,177	15.3
Appalachian	303,000	5.5	47,150	4.9	156	4.7	8,948	6.4	29,530	7.1
Southeast	156,500	6.9	36,172	8.2	231	9.0	8,656	8.2	55,308	9.1
Delta	114,000	6.2	37,776	8.2	331	7.8	7,149	5.8	62,714	7.7
Southern Plains	255,000	6.4	134,138	6.0	526	7.7	13,844	11.1	54,288	12.6
Mountain	118,400	7.9	145,943	6.7	1,233	9.7	8,629	4.7	72,876	8.3
Pacific	157,000	9.1	63,942	9.6	407	12.8	21,530	9.1	137,132	12.6

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

Figure 1

Distribution of farms by major farming regions of the contiguous United States, 1991



Note: Percentages do not add exactly to 100 percent due to rounding.
Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

percent of all farms and had higher mean acres (875) and mean sales (\$177,620) than did individual farms. Corporate farms, which accounted for only 3 percent of all farms in 1991, had the highest mean acres (1,559) and mean farm sales (\$511,336).

Type of Farm

Farm type was determined by the farm production specialty classification that represented the largest portion of gross farm sales from the farm operation. The most common types of farms were beef, hog, or sheep farms

Table 2—Farms, acres operated, and gross farm sales, by farm characteristics, 1991

Characteristic	Farms		Acres operated		Mean acres operated		Gross farm sales		Mean gross farm sales	
	Number	RSE	1,000 acres	RSE	Acres	RSE	1,000,000 dollars	RSE	Dollars	RSE
All farms	2,099,900	1.9	854,226	2.4	407	2.7	145,518	2.9	69,298	3.4
Organization:										
Individual	1,921,528	2.1	661,591	2.8	344	3.1	95,928	2.3	49,923	2.8
Partnership	123,848	5.3	108,321	6.7	875	7.0	21,998	5.9	177,620	6.8
Corporation	53,688	7.2	83,688	10.0	1,559	10.5	27,453	13.1	511,336	14.3
Acreage class:										
49 or fewer acres	577,563	4.6	11,582	4.7	20	2.7	11,005	8.6	19,055	9.0
50-99 acres	314,931	5.0	22,722	4.9	72	1.0	11,664	26.3	37,038	27.1
100-179 acres	334,023	4.4	44,964	4.3	135	0.7	11,344	8.8	33,961	8.7
180-499 acres	484,704	2.8	147,155	2.7	304	0.9	33,696	4.7	69,520	4.9
500-999 acres	205,615	3.4	142,926	3.4	695	0.7	29,629	4.2	144,100	4.1
1,000-1,999 acres	112,255	4.7	153,108	4.7	1,364	0.9	23,282	6.1	207,404	5.9
2,000 or more acres	70,810	5.4	331,770	5.9	4,685	3.7	24,897	7.2	351,599	8.0
Sales class:										
\$9,999 or less	1,001,653	3.5	111,821	9.8	112	9.4	2,977	4.3	2,972	2.7
\$10,000-\$19,999	232,028	5.0	55,079	7.0	237	5.8	3,311	5.0	14,270	1.6
\$20,000-\$39,999	232,096	4.2	94,627	9.8	408	9.0	6,422	4.6	27,668	1.7
\$40,000-\$99,999	309,425	3.0	207,008	5.1	669	4.5	21,286	3.1	68,792	1.1
\$100,000-\$249,999	214,779	2.5	201,646	4.4	939	4.0	34,572	2.7	160,964	1.0
\$250,000-\$499,999	69,367	4.6	95,494	7.9	1,377	7.3	23,727	4.9	342,043	1.2
\$500,000 or more	40,551	4.7	88,551	7.1	2,184	6.9	53,223	7.7	1,312,496	7.2
Farm type:										
Cash grains	401,988	3.0	240,820	3.2	599	3.1	35,175	3.0	87,502	3.4
Tobacco	97,218	10.2	14,449	9.3	149	8.5	3,390	10.3	34,866	11.1
Cotton	23,823	8.8	22,201	8.4	932	8.6	4,387	5.5	184,136	8.2
Other field crops	184,757	6.3	51,122	6.0	277	5.6	7,139	6.7	38,639	8.3
Vegetables, fruits, or nuts	120,742	10.1	15,409	8.0	128	11.3	13,848	12.0	114,695	15.2
Nursery or greenhouse	60,209	12.7	5,026	34.6	83	33.8	7,381	17.9	122,584	19.4
Beef, hogs, or sheep	898,049	3.1	425,437	4.6	474	4.9	42,416	8.1	47,231	8.6
Poultry	30,394	11.5	3,114	14.3	102	13.4	8,034	11.9	264,316	12.5
Dairy	158,469	5.1	50,320	3.9	318	4.2	21,397	3.5	135,022	5.2
Other livestock	124,252	8.3	26,327	10.1	212	10.5	2,352	12.9	18,931	13.3

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

(43 percent of all farms), followed by cash grain farms (19 percent) (table 2 and fig. 2). These two farm types also accounted for the most total acres operated and farm sales. Cotton farms (932 acres), followed by cash grain farms (599 acres), then beef, hog, or sheep farms (474 acres), operated the most acres per farm. In terms of gross farm sales, other livestock farms (\$18,931) generated the lowest sales per farm although tobacco farms (\$34,866), other field crop farms

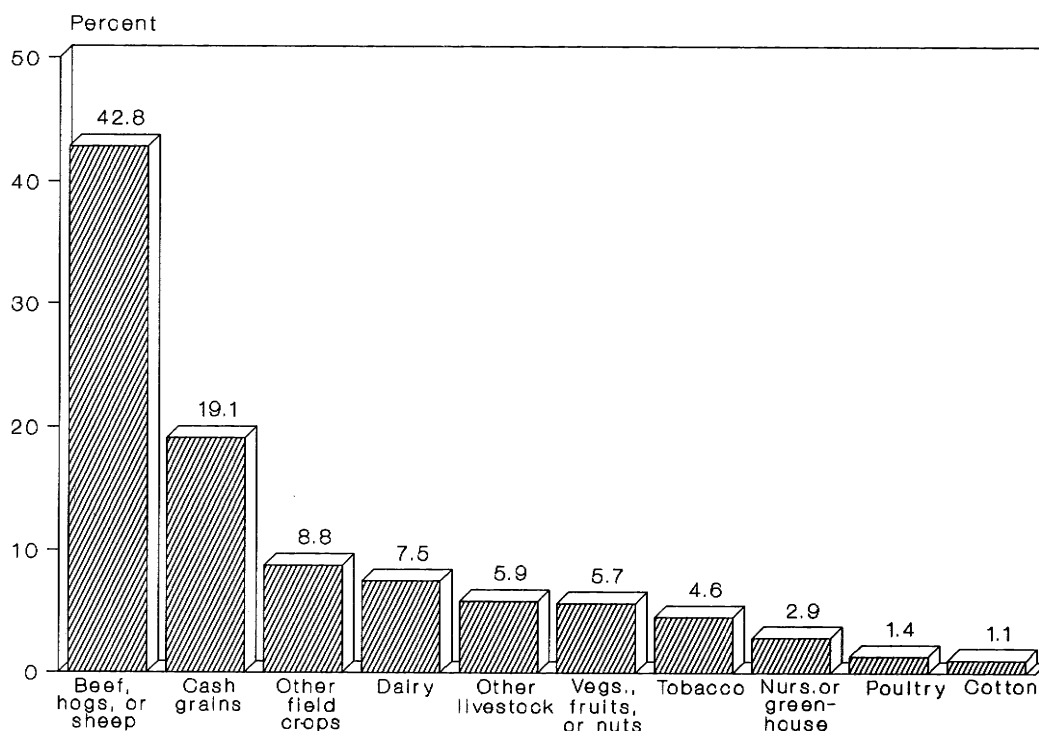
(\$38,639), and beef, hog, and sheep farms (\$47,231) also had mean farm sales below the average of all farms (\$69,298).

Acreage Class

In terms of acres operated, most U.S. farms are small; 28 percent had fewer than 50 acres and 58 percent had fewer than 180 acres (table 2). Although the

Figure 2

Distribution of farms by type of farm operation, 1991



Note: Percentages do not add exactly to 100.0 percent due to rounding.
Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

largest farms, those of 2,000 acres or more, were the least common, comprising only 3 percent of all farms, they accounted for 39 percent of total acres operated and 17 percent of gross farm sales. These farms operated an average of 4,685 acres and had mean sales of \$351,599.

Sales Class

The FCRS data show that most farms are also small in terms of gross farm sales; almost half had sales of less than \$10,000 in 1991 (table 2). These small farms accounted for only 2 percent of total farm sales and 1 percent of total acreage. In contrast, farms with sales of \$500,000 or more comprised only 2 percent of all farms, but accounted for 37 percent of farm sales and 10 percent of acreage operated. These large farms operated an average 2,184 acres and averaged farm sales of \$1.3 million.

To facilitate comparisons among different types of farms, farms are commonly summarized into two groups based on their annual gross farm sales: com-

mercial farms (those with sales of \$40,000 or more) and small farms (those with sales less than \$40,000).² Commercial farms are of special interest because although they comprise only a small portion of all farms, they produce most of the farm products and control the majority of farmland. For example, in 1991, only 634,122 farms or 30 percent of all U.S. farms were commercial farms, but they accounted for 69 percent of total acres operated and 91 percent of gross farm sales (fig. 3). In subsequent sections of this report, we selectively use these two groupings to highlight important differences between commercial and noncommercial farming operations.

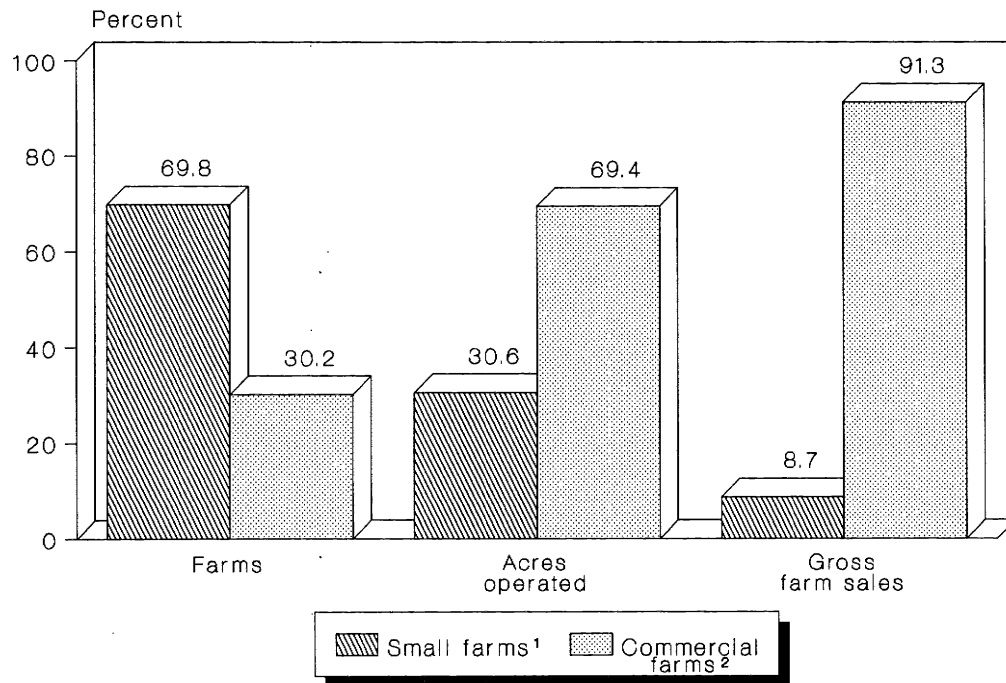
Farmland Ownership and Use

The information presented in this section portrays a broad picture of the landownership and use patterns of

²Selecting a cutoff of \$40,000 to designate commercial farms is somewhat arbitrary. A threshold of \$50,000, for example, would yield similar conclusions.

Figure 3

Farms, acres operated, and gross farm sales, by small and commercial farms, 1991



¹Farms with gross farm sales of less than \$40,000.

²Farms with gross farm sales of \$40,000 or more.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

Table 3—Farms and acres operated, by land ownership and use, 1991

Item	Farms		Acres operated		Acres operated per reporting farm	
	Number	RSE	1,000 acres	RSE	Acres	RSE
Acres operated	2,099,900	1.9	854,226	2.4	407	2.7
Owned	1,926,849	2.1	515,532	3.3	268	3.5
Rented in	942,976	2.0	378,139	3.0	401	3.1
Rented out	264,862	4.6	41,529	9.0	157	8.9
Cropland removed from production	619,290	2.4	72,874	4.1	118	3.8
Set-aside	468,847	2.2	21,910	3.3	47	3.1
Conservation Reserve Program	182,904	6.1	28,827	7.3	158	6.2
Other government programs	13,506	16.1	1,346	25.6	100	24.9
Summer fallow	102,510	5.5	20,791	6.9	203	6.4

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

farm operations in the 1991 FCRS. This information is based on questions in the survey about the ownership and leasing of farmland acreage and amount of cropland taken out of production for various purposes. The landbase covered by these questions consists of total acres operated, including the farmstead, all cropland, woodland, pastureland, wasteland, and government program land.

Acres Operated

Ninety-two percent of all farms operations owned land in 1991, which accounted for 60 percent of total acres operated (table 3). Among reporting farms, an average 268 acres were owned. Forty-five percent of all farms rented an average of 401 acres of land from others. Thirteen percent of all farms rented an average of 157 acres out to others. Acres used for crops or livestock during part of the year and rented to another operation for crop or livestock use during another part of the year accounted for a very small portion of total acres of farmland operated (less than 1 percent). Because of the small amount of acreage used and rented out, this category does not appear separately on the tables, but the acreage is included in total acres operated.

Cropland Removed From Production

Twenty-nine percent of all farms removed about 73 million acres of cropland, or 9 percent of total acres operated on farms, from production in 1991 (table 3). The 10-year Conservation Reserve Program (CRP) accounted for 40 percent of the cropland idled, followed by the set-aside program (30 percent) and summer fallow (29 percent). The Northern Plains accounted for 34 percent of all the cropland removed from production, more than any other region (app. table 9).

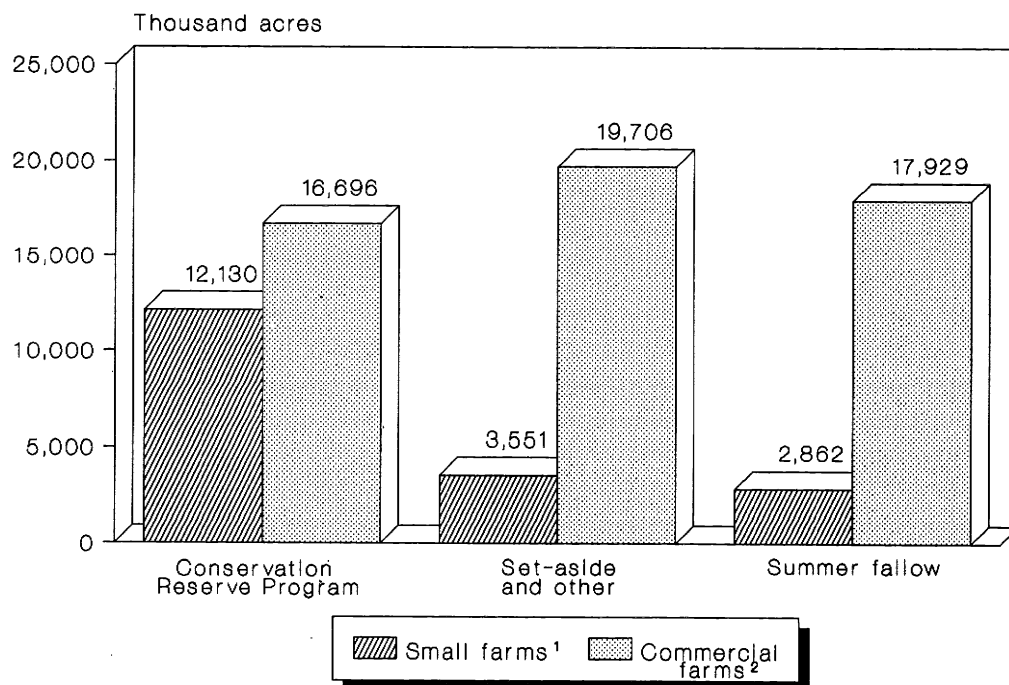
Commercial farms, those with gross farm sales of \$40,000 or more, accounted for 75 percent of the cropland removed from production (fig. 4). Commercial farms accounted for the vast majority of land idled in the set-aside and other government programs, and in summer fallow. However, there was no statistical difference in the amount of land removed from production in compliance with CRP between small and commercial farms.

Financial and Economic Well-Being

This section presents information on the financial performance and economic well-being of farm business

Figure 4

Cropland removed from production, by small and commercial farms, 1991



¹Farms with gross farm sales of less than \$40,000.

²Farms with gross farm sales of \$40,000 or more.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

operations in 1991, based on measures derived from the FCRS data. Gross cash farm income is the base measure from which several others are derived. Gross cash farm income gives an indication of the total cash income received by the farm business, through farming and related activities. Gross cash farm income can include cash from the sale of products produced in earlier years. This measure differs conceptually from gross value of farm sales, the output measure used throughout this report as an indication of farm size (a detailed accounting of the individual components of these measures can be found in app. A).

Farm Business Income Statement

In 1991, farm businesses received \$130.7 billion in gross cash farm income, or an average \$66,733 per reporting farm (table 4). Crop sales (44 percent) and livestock sales (42 percent) accounted for most of total gross cash income. Other farm-related income (such as income from custom work, and land rented to others) accounted for 9 percent. Farm businesses received a total of \$6.3 billion in government farm payments, which accounted for 5 percent of gross cash farm income. Almost a third of farms received Government payments, averaging \$9,258 per reporting farm.

Cash expenses totaled \$111.3 billion in 1991, for an average \$53,170 per reporting farm. Net cash farm income (gross cash income minus cash expenses) was

\$19.4 billion in 1991 and averaged \$9,250 per reporting farm. Adjusting net cash income by subtracting depreciation and noncash labor expenses and adding the value of inventory change and nonmoney income, yielded a total net farm income of \$19.8 billion, or \$9,451 per farm.

Farm Balance Sheet

Total farm assets in 1991 were \$804.2 billion while liabilities were \$96.7 billion, with total equity (the difference between assets and liabilities) of \$707.4 billion and an average equity per reporting farm of \$336,945 (table 4). The ratio of debt to assets was 0.12; that is, farm operations had an equity in their farm businesses equal to 88 percent of total asset value. The average value of assets per reporting farm was \$383,096, while liabilities averaged \$48,163 per reporting farm.

New Capital Investments

About 56 percent of farm operations reported new capital investments, such as improvements to farm real estate and purchases of new machinery and equipment in 1991. These operators spent \$14.1 billion dollars on capital investments, or an average \$12,064 per reporting farm (table 4).

The total amount spent on these investments was 1.8 percent of the total assets reported in 1991. This ratio indicates the growth rate in total capital investments

Table 4—Selected farm financial characteristics, 1991

Item	Farms		Total dollars		Dollars per reporting farm	
	Number	RSE	1,000 dollars	RSE	Dollars	RSE
Gross cash income	1,958,049	1.9	130,666,964	2.1	66,733	2.6
Livestock sales	1,307,638	2.3	54,991,996	2.7	42,054	3.3
Crop sales	1,018,553	2.2	58,199,813	3.8	57,140	4.1
Government payments	680,915	2.3	6,303,943	2.6	9,258	2.5
Other farm-related income	934,943	2.1	11,171,211	5.3	11,949	5.4
Cash expenses	2,092,579	1.9	111,262,724	2.2	53,170	2.6
Net cash farm income	2,097,866	1.9	19,404,239	5.1	9,250	5.7
Net farm income	2,099,205	1.9	19,838,694	5.5	9,451	5.9
Farm assets	2,099,145	1.9	804,173,570	3.1	383,096	2.7
Liabilities	2,008,380	1.9	96,729,585	3.6	48,163	3.7
Equity	2,099,583	1.9	707,443,985	3.2	336,945	2.8
Capital investments	1,167,805	2.2	14,088,530	3.0	12,064	2.8

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

among farm businesses. The ratio of new capital investments to total assets for small operations with sales of less than \$40,000 annually and larger, commercial operations with sales of \$40,000 and over indicates generally slower growth for the small farm group (1.1 percent versus 2.2 percent).

Farm Financial Performance

To assess overall financial performance, farms were classified into four financial categories based on the combined net income and solvency status of the farm business:

Favorable—positive income and debt/asset ratio 0.40 or lower.

Marginal income—negative income and debt/asset ratio 0.40 or lower.

Marginal solvency—positive income and debt/asset ratio above 0.40.

Vulnerable—negative income and debt/asset ratio above 0.40.

Fifty-eight percent of all farms were in the favorable financial category. Even within the different sales

classes, the majority of farms were in the favorable category, although commercial farms were more likely than small farms to be classified as favorable (table 5 and fig. 5). About a third of all farms were in the marginal income category. These were generally small farms, with average gross sales of only \$38,010. Only 10 percent of all farms were marginally solvent or vulnerable.

Characteristics of Farm Operators

The FCRS provides selected information on the people who operate farms. However, information is collected on only one person per farm. For farms with more than one operator, such as partnerships and corporations, data were collected for the senior operator. This procedure tends to underestimate the actual number of people farming and biases the statistics toward the characteristics of the senior operator.

Tenure

Farm operators have been classified historically in agricultural census statistics according to the tenure arrangement under which land in their farm is operated. Tenure reflects the ownership and control of land

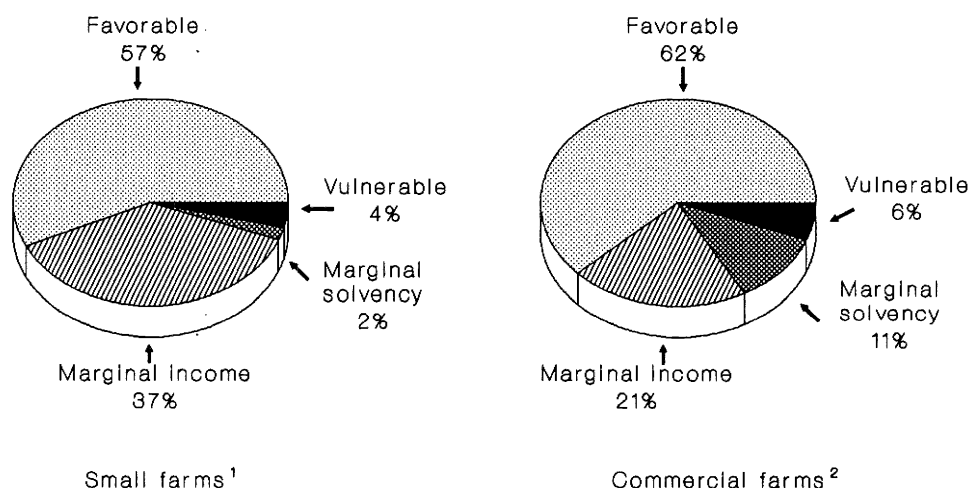
Table 5—Farms and gross farm sales, by net farm income/solvency and sales class, 1991

Net farm income/solvency and sales class ¹	Farms		Gross farm sales		Mean gross farm sales	
	<i>Number</i>	<i>RSE</i>	<i>1,000,000 dollars</i>	<i>RSE</i>	<i>Dollars</i>	<i>RSE</i>
Favorable	1,220,293	2.3	87,667	2.9	71,841	3.4
\$39,999 or less	829,176	3.2	8,008	3.8	9,658	3.1
\$40,000-\$499,999	365,264	2.4	49,545	2.6	135,641	1.8
\$500,000 or more	25,853	6.2	30,114	7.5	1,164,823	5.9
Marginal income	675,511	3.4	25,676	5.3	38,010	5.8
\$39,999 or less	545,113	4.1	3,834	4.7	7,034	4.2
\$40,000-\$499,999	123,665	4.3	14,090	4.3	113,935	2.7
\$500,000 or more	6,733	10.6	7,752	15.5	1,151,315	12.4
Marginal solvency	99,119	5.5	21,125	14.6	213,127	15.1
\$39,999 or less	27,041	13.9	363	14.4	13,432	12.1
\$40,000-\$499,999	66,456	5.8	10,466	5.9	157,485	3.7
\$500,000 or more	5,623	12.2	10,296	29.4	1,831,160	29.7
Vulnerable	104,977	7.2	11,050	13.2	105,264	14.5
\$39,999 or less	64,448	10.8	505	12.7	7,833	9.8
\$40,000-\$499,999	38,187	7.2	5,484	7.1	143,614	4.1
\$500,000 or more	2,343	18.0	5,061	27.8	2,160,622	27.5

¹ See text for an explanation of net farm income/solvency classes.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

Small and commercial farms, by farm financial category, 1991



¹Farms with gross farm sales of less than \$40,000.

²Farms with gross farm sales of \$40,000 or more.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

farmed, based on questions about owned and rented farmland. Tenure is commonly summarized by three groupings: full owners who own all the land they operate, part owners who own some and rent the remainder of their land from others, and tenants who rent all of their land.

Based on this classification, the majority of farm operators (55 percent) in the 1991 FCRS were classified in the full owner category (table 6). Farms operated by full owners had the smallest mean acres (213) and lowest mean gross farm sales (\$37,359). Although part owners accounted for 36 percent of all operators, they accounted for 57 percent of total acres operated and 54 percent of total gross sales. Only 9 percent of the operators were classified in the tenant category.

Age

Farm operators less than 35 years of age accounted for fewer farms and less total acreage than operators in the other age groups (table 6). However, among the other age groups, both the distribution of farms and farmland varied little. In terms of total gross farm sales, operators less than 35 years of age and operators 65 years or older produced less than those in the middle age groups. Mean sales at \$34,819 were also comparatively low for operators 65 years or older, but no statistically significant differences were found among the other groups.

Education

High school graduates accounted for more of the operators (40 percent), total acres operated (37 percent), and total gross farm sales (39 percent) than any other education group (table 6). College graduates, 15 percent of the total, operated the fewest farms. However, college graduates, along with operators with some college, operated the largest farms in terms of mean acreage. Operators with less than a high school education operated the least amount of total acreage and generated the least total sales in addition to having the lowest mean acreage and farm sales.

Principal Occupation

Farm operators in the survey were asked to report their principal occupation in 1991, that is, the occupation at which they spent 50 percent or more of their work time. The majority of operators (representing 56 percent of the total) reported farm or ranch work as their principal occupation (table 6). They also operated most of the farmland (82 percent) and accounted for most of the farm sales (86 percent). Hired farm managers ran only about 1 percent of the farms. Operators reporting principal occupations other than farming accounted for 43 percent of all farms. They ran the smallest farms in terms of both mean acres (150) and mean gross farm sales (\$12,882).

Table 6—Farms, acres operated, and gross farm sales, by farm operator characteristics, 1991

Characteristic	Farms		Acres operated		Mean acres operated		Gross farm sales		Mean gross farm sales	
	Number	RSE	1,000 acres	RSE	Acres	RSE	1,000,000 dollars	RSE	Dollars	RSE
All farms	2,099,900	1.9	854,226	2.4	407	2.7	145,518	2.9	69,298	3.4
Tenure:										
Full owner	1,156,904	3.0	246,007	5.7	213	5.7	43,221	8.5	37,359	9.0
Part owner	752,817	2.3	490,673	3.0	652	3.1	79,005	2.6	104,945	3.0
Tenant	190,179	4.7	117,546	7.4	618	7.3	23,292	6.2	122,477	6.8
Occupation:										
Farming	1,178,434	1.9	698,626	2.8	593	2.9	124,457	3.1	105,613	3.4
Hired farm manager	15,572	16.2	19,304	22.9	1,240	26.2	9,390	20.7	603,021	24.8
Other occupation	905,894	3.5	136,296	4.6	150	4.4	11,670	5.0	12,882	5.1
Age:										
Less than 35 years	197,151	5.6	80,481	8.9	408	8.8	17,064	6.1	86,551	6.5
35-44 years	435,088	3.5	195,897	5.2	450	5.3	38,227	5.5	87,861	6.0
45-54 years	473,851	3.7	199,906	4.5	422	5.0	38,034	5.2	80,266	6.0
55-64 years	459,588	3.6	190,518	4.5	415	4.8	33,592	9.4	73,092	9.9
65 years or older	534,222	3.5	187,425	7.7	351	7.5	18,601	5.9	34,819	6.2
Education:										
Less than high school	494,585	3.7	125,995	7.3	255	7.1	18,100	5.2	36,595	5.5
High school	849,389	2.8	315,292	3.3	371	3.5	56,921	3.9	67,014	4.3
Some college	432,384	3.6	232,422	6.4	538	6.4	36,468	8.7	84,342	9.2
College	323,542	4.7	180,517	5.6	558	6.3	34,029	6.3	105,177	7.4

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

Operators of commercial farms were significantly more likely to work primarily in farming occupations (includes farming and hired farm manager categories) than were operators of small farms. The vast majority of commercial farm operators (91 percent) reported farming or hired farm manager as their principal occupation, while most small farm operators (58 percent) had principal occupations other than farming (fig. 6).

Farm Operator Households' Dependence on Farming

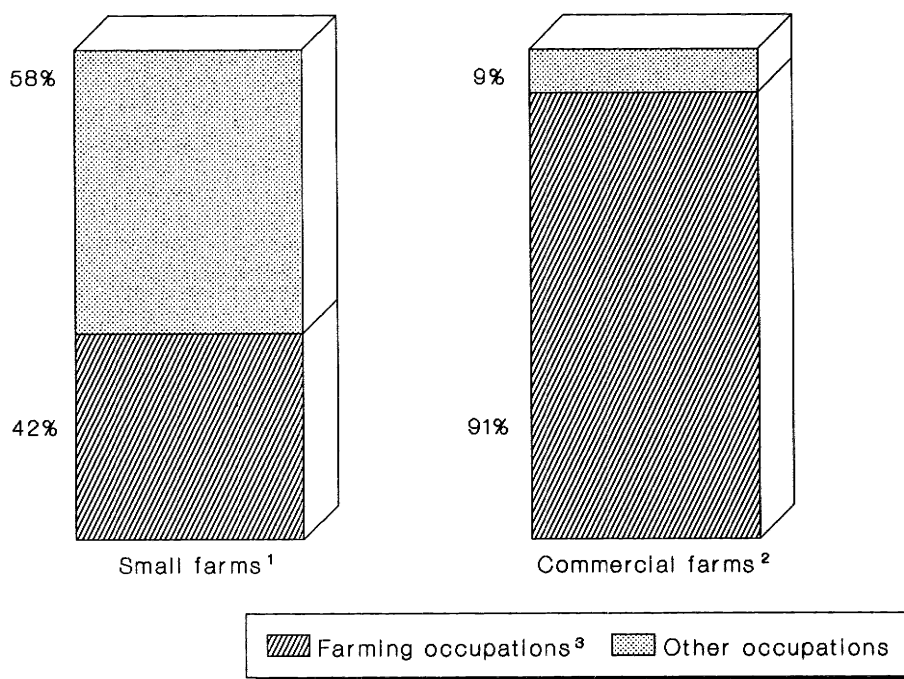
Most farm operator households receive some income from off-farm sources. This off-farm income is critical to the financial well-being of many farm households, offsetting some of the differences in farm income observed among operations. Thus, knowing something about the relative importance of farm and nonfarm income to the farm household provides important

insights that can help us understand the structure of the U.S. farm operations today.

FCRS Household Data

A subset of the FCRS provides information about farm operator households, including their farm and off-farm income. Excluded from this analysis were farms not closely held by the operator and members of the operator's household, such as farms operated as nonfamily corporations or cooperatives or where the operator, as a hired manager, does not receive any of the net income of the farm business. For farms with more than one operator, information was obtained only for the household of the senior operator. Because of this data collection procedure, households of others who may consider themselves operators were not included in the survey. Thus, the information presented in this section of the report represents households of senior operators of farms organized as individual operations, partnerships, and family corporations. These households

Small and commercial farms, by principal occupation of operator, 1991



¹Farms with gross farm sales of less than \$40,000.

²Farms with gross farm sales of \$40,000 or more.

³Includes farming and hired farm manager categories.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

numbered 2,080,132 or 99 percent of the number of farms in 1991.

Household Income

The household income of farm operator households includes the farm income that accrues to the farm operation, less depreciation, plus all sources of off-farm income accruing to the household (a more detailed definition is found in app. A). In cases where net income from the farm was shared by two or more households, the net farm income allocated to the surveyed household was calculated by multiplying the net income from the farm business by the share that the surveyed household reported receiving.

The average household income of all farm operator households was \$36,031 in 1991 (table 7). Households operating commercial farms generally had higher income than households operating small farms (\$43,020 per commercial farm compared with \$33,033 per small farm). Average household income also varied significantly by farm organization. Operator households associated with family-held corporate farms had the highest household income (\$73,883), while households associated with individually operated farms had the lowest average household income (\$34,552).

Differences in average household income among the regions were not statistically significant.

Dependence on Farming

Of the average farm operator household income of \$36,031, only \$4,393 (12 percent) was attributed to farm income. However, the importance of farm and off-farm income varied by farm size. For households operating commercial farms, farm income made an important positive contribution to total household income, accounting for about half of the average commercial farm operator's total household income (fig. 7). On average, households operating small farms experienced negative returns to farming and were solely dependent on income from off-farm sources.

To measure the relative importance of farm income to the operator household, farms were grouped into categories based on the ratio of farm income to total household income, as defined in appendix A. Five categories of farm operator households with positive household income and a sixth category with negative household income were created as follows:

- Positive household income and:
loss from farming,

Table 7—Farm operator households and household income, by selected characteristics, 1991

Item	Households		Mean household income	
	<i>Number</i>	<i>RSE</i>	<i>Dollars</i>	<i>RSE</i>
All farm households	2,080,132	1.9	36,031	4.2
Region:				
Northeast	144,454	5.0	38,944	7.2
Lake States	220,287	5.2	30,155	5.2
Corn Belt	433,460	4.0	31,891	3.9
Northern Plains	192,178	6.6	33,874	9.7
Appalachian	301,463	5.6	30,669	5.5
Southeast	154,978	6.9	39,959	13.2
Delta	113,064	6.3	32,057	7.1
Southern Plains	250,301	6.4	34,802	12.1
Mountain	115,843	8.0	30,166	6.6
Pacific	154,104	9.3	71,892	20.8
Farm organization:				
Individual	1,914,510	2.1	34,552	4.7
Partnership	121,764	5.4	45,644	6.5
Corporation	43,858	7.6	73,883	12.2
Farm operator household farm dependency category:				
Positive household income and—				
Loss from farming	934,379	3.3	37,831	7.9
0-24 percent from farming	364,111	4.4	42,808	4.0
25-49 percent from farming	176,489	5.1	46,264	6.9
50-74 percent from farming	116,463	5.1	44,723	5.3
75 percent and more from farming	277,114	3.2	57,355	4.0
Negative household income	211,576	4.4	-24,836	nc

nc = not computed.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

0-24 percent from farming,
25-49 percent from farming,
50-74 percent from farming, and
75 percent and over from farming.

- Negative household income.

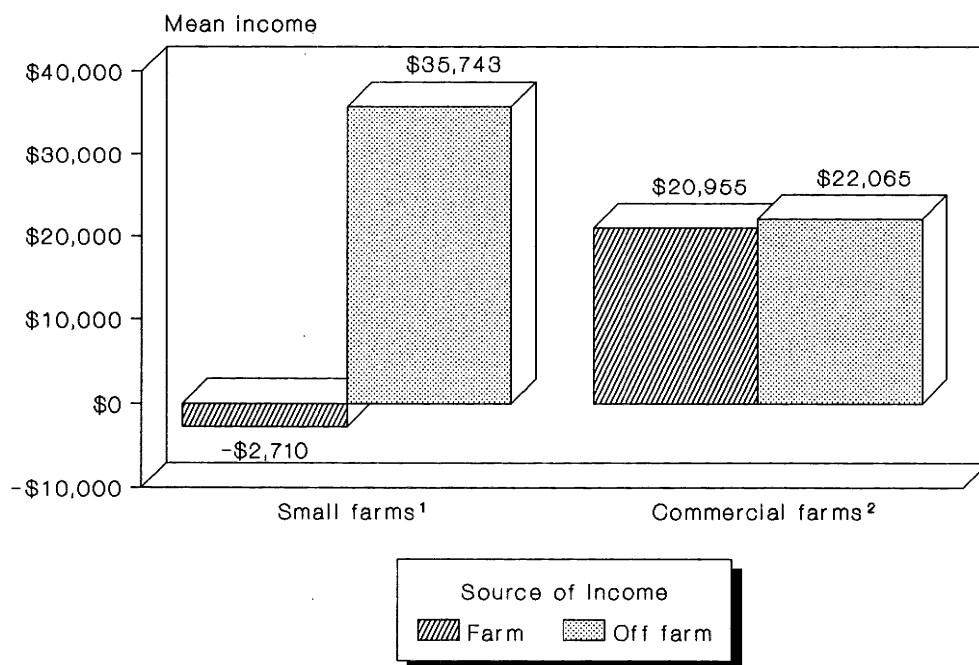
Most farm operator households were not heavily dependent on farm income (table 7). Those with positive household income and a loss from farming accounted for 45 percent of all operator households. Farming contributed from 0 to 24 percent to the total income of another 18 percent of operator households. Households most dependent on farm income, those with 75 percent or more of their income from farming, accounted for 13 percent of the households. These households had the highest mean household income at \$57,355 (differences among the other dependency categories are not statistically significant). Households

with negative household income accounted for 10 percent of the households in 1991, and their mean household income was -\$24,836.

Average acreage and average sales estimates show differences in farm size by degree of dependence on farming (fig. 8). Farm operator households in the lowest dependency categories (those with positive total household income and a loss from farming or 0-24 percent dependency on farming) operated significantly fewer acres than other operator households. Most of the apparent differences in mean acres operated among other categories are not statistically significant. Mean gross farm sales, however, increased consistently with increasing dependence on farm income. Households with negative household income had average gross farm sales similar to households in the 25- to 49-percent dependency category.

Figure 7

Mean income by source for farm operator households, by farm size, 1991



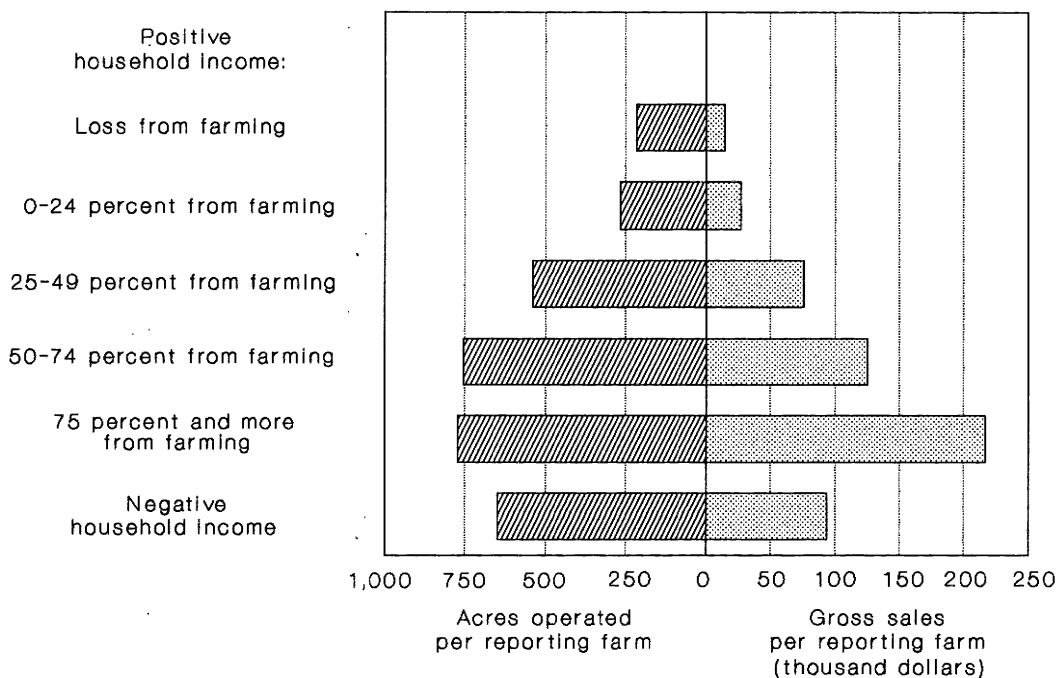
¹Farms with gross farm sales of less than \$40,000.

²Farms with gross farm sales of \$40,000 or more.

Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

Figure 8

Mean acres operated and mean gross farm sales, by farm operator household dependency category, 1991



Source: Farm Costs and Returns Survey, U.S. Department of Agriculture.

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Appendix A—Definitions of Terms

Farms, Land in Farms, and Gross Farm Sales

Farm: Any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

Total acres operated: Agricultural land owned, plus land rented in (excluding land rented on an animal-unit-month (AUM) basis), less land rented out, plus land both used and rented out.

Owned: Total acres owned by the farm operation.

Rented in: Acreage rented from others during the year, excluding AUM land, for cash or a share of crop or livestock production.

Rented out: Acreage provided to other farm operations for cash or a share of crop or livestock production.

Used and rented out: Acreage used for crops or livestock during a part of the year and rented to another operation for crop or livestock use during another part of the year. Because of the small amount of acreage used and rented out, this category does not appear separately on the tables, but the acreage is included in total acres operated.

Cropland removed from production in 1991: Land diverted from production in compliance with government agricultural programs including:

Set-aside: land idle from production under annual commodity acreage adjustment programs and devoted to conservation uses. Includes acres set aside in 1991 through programs such as Acres in Conservation Reserve (ACR), Conserving Uses (CU), or the 0-92 program.

The 10-year Conservation Reserve Program (CRP): highly erodible cropland taken out of production for 10 years and planted in protective cover crops or reforested for conservation purposes.

All other Federal and/or State programs.

Land in summer fallow: All cropland summer fallowed in 1991. Land is left idle for an entire year as part of crop rotation practices.

Gross farm sales: Includes the gross value of agricultural sales and government payments received by the farm operation and landlord(s) during the year. The value of agricultural product sales is based on sales of crops, livestock, poultry and poultry products, and mis-

cellaneous agricultural products, including products produced under contract.

Farming Regions

Northeast: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont

Lake States: Michigan, Minnesota, Wisconsin

Corn Belt: Illinois, Indiana, Iowa, Missouri, Ohio

Northern Plains: Kansas, Nebraska, North Dakota, South Dakota

Appalachian: Kentucky, North Carolina, Tennessee, Virginia, West Virginia

Southeast: Alabama, Florida, Georgia, South Carolina

Delta: Arkansas, Louisiana, Mississippi

Southern Plains: Oklahoma, Texas

Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming

Pacific: California, Oregon, Washington

Farm Characteristics

Type of farm: Farm operators were asked to identify the farm production specialty classification that represented the largest portion of gross farm sales from their farm operation. Possible responses included the following:

Cash grains: Largest portion of farm receipts from corn, soybeans, other grains (such as wheat, oats, barley, rye, and sorghum), and/or rice.

Tobacco: Largest portion of farm receipts from tobacco.

Cotton: Largest portion of farm receipts from cotton and cottonseed.

Other field crops: Largest portion of farm receipts from peanuts, Irish potatoes, sunflowers, sweet potatoes, sugarcane, broomcorn, popcorn, sugar beets, mint, hops, seed crops, hay, silage, and forage or any remaining farms that received the majority of farm income from the sales of other types of field crops.

Vegetables, fruits, or nuts: Largest portion of farm receipts from vegetables, fruits, tree nuts, and/or berries.

Nursery or greenhouse: Largest portion of farm receipts from nursery and/or greenhouse products.

Beef, hogs, or sheep: Largest portion of farm receipts from cattle (except dairy breeding stock), hogs, pigs, sheep, and/or lambs.

Poultry: Largest portion of farm receipts from broilers, other chickens, turkeys, and/or eggs.

Dairy: Largest portion of farm receipts from milk and dairy products.

Other livestock: Largest portion of farm receipts from mules, horses, foals and ponies, fur farms, bees and honey, fish, minnows, or any remaining livestock farms.

Farm organization: Respondents were asked to identify their farm operation as an individual operation, partnership, corporation (family or nonfamily), or cooperative. Because of limited numbers of farms, cooperatives were dropped from the tabulations pertaining to farm organization, and nonfamily corporations were combined with family corporations under the single heading of "corporation."

Acreage class: Based on acres operated. Seven classes were constructed: 49 or fewer acres, 50-99 acres, 100-179 acres, 180-499 acres, 500-999 acres, 1,000-1,999 acres, and 2,000 or more acres.

Sales class: Based on gross farm sales. Seven classes were constructed: \$9,999 or less, \$10,000-\$19,999, \$20,000-\$39,999, \$40,000-\$99,999, \$100,000-\$249,999, \$250,000-\$499,999, and \$500,000 or more.

Financial Characteristics

Financial and economic well-being measures are based on information provided by farm and ranch operators about their farm businesses. Estimates relate strictly to the farm business (operators, partners, and shareholders) and do not include all participants in the farm sector.

Gross cash farm income:

Livestock sales: Gross value of all livestock items sold from the farm or ranch, including marketing charges and livestock sold under contract.

Crop sales: Gross value of all crop items sold from the farm or ranch, including marketing charges and crops

sold under contract. Also includes net Commodity Credit Corporation loans (value of crops placed under CCC loans in 1991 less the value of CCC loans repaid, not forfeited).

Government farm payments: Gross value of direct payments by the Federal Government (excluding wool and unshorn lamb wool payments) including the face value of commodity (payment in kind (PIK)) certificates, plus the premium received from PIK certificates excluding the landlord's share.

Other farm income: Income from custom work, machine hire, land rented to others, livestock grazing, contract production fees, outdoor recreation, and any other farm-related income.

Cash expenses: Includes variable expenses for livestock purchases, feed, veterinary services and supplies, other livestock-related expenses, seed and plants, fertilizer and chemicals, labor, fuels and oils, repairs and maintenance, machine-hire and custom work, utilities, and other variable expenses, as well as fixed expenses including real estate and property taxes, interest, insurance, and rent and lease payments.

Net cash farm income: Gross cash farm income (as defined above) less cash expenses. Represents income available to those who have a stake in the farm business (operators, partners, and shareholders) for living expenses, principal payment, income taxes, and other expenses or reinvestment in the farm.

Net farm income: Net cash farm income minus depreciation plus the value of inventory change and non-money income. Reflects the return or loss to operator and unpaid family labor, management, and equity capital associated with 1991's production.

Farm Business Assets and Liabilities:

Farm assets: The estimated market value on December 31, 1991, of all capital assets owned by the farm operation.

Farm operation liabilities: Total amount of debt owed by the farm or ranch on December 31, 1991. Includes outstanding principal plus unpaid interest owed to any banks, individuals, co-ops, merchants, or Federal agencies.

Equity: The difference between farm operation assets and farm operation liabilities.

Capital investments: Total operator capital expenditures in 1991.

Net farm income/solvency class: Farms were classified into one of four categories based on their combined income and solvency status, as defined in the text.

Operator Characteristics

Land tenure status: Defined as acres owned as a percentage of land operated. Full owners owned all of the land operated, part owners owned at least 1 acre and rented some of the land operated, and tenants rented over 99 percent of the land operated in 1991.

Operator occupation: Farm operators were asked to identify their major occupation as farm or ranch work, hired manager, or something else.

Operator age: Farm operators were asked to provide their age. Five age categories were constructed: less than 35 years, 35-44 years, 45-54 years, 55-64 years, and 65 years or older.

Operator education: Operators were asked to provide the highest grade they had completed in school. Four categories were constructed: less than high school, high school, some college, and college.

Farm Operator Households

Farm operator households: The households of senior operators who operated the estimated 2.1 million farms covered by the 1991 FCRS. Households associated with farms organized as nonfamily corporations or cooperatives, or where the operator, as a hired manager, did not receive any of the net income of the farm business, were excluded. For farms with more than one operator, information was obtained only for the household of the senior operator.

Farm operator household income: The farm income that accrues to the farm operator household, less depreciation, plus all sources of off-farm income accruing to the household in 1991. Both farm income and off-farm income may be negative.

Farm operator household farm income: Includes the net income of the farm (cash income less cash expenses and depreciation) operated times the percentage received by the household, plus cash received by the household from renting out farmland, plus net income received by the household from other farm businesses, plus wages and salaries paid to the operator and household members by the farm business. The net income of the farm operated is calculated as the net cash income of the farm business, excluding income the business receives from renting out farmland and including farm labor expenses paid to household members as expenses, less depreciation.

Farm operator household off-farm income: Includes off-farm wages and salaries of all household members, plus the net income of any nonfarm businesses, interest and dividends, and all other cash off-farm income of household members.

Farm operator household dependency categories: A ratio is calculated to provide information on the components of farm operator household income and their importance. There are six categories of this ratio based on the value of farm operator household income and farm income, as defined in text.

Appendix B—The Farm Costs and Returns Survey

The 1991 Farm Costs and Returns Survey (FCRS) provided the data for this report. The U.S. Department of Agriculture's (USDA) Economic Research Service (ERS) and National Agricultural Statistics Service (NASS) conduct this survey each year. The FCRS is the most comprehensive national annual data source available on farm financial and operating characteristics. A major advantage of the FCRS over other data sources is that details on expenses, income, assets, debt, and many other items can be disaggregated by production region, farm size, production specialty, and other characteristics. Such detail is important for a thorough understanding of the farm economy because it represents a collection of diverse agricultural enterprises.

Both NASS and ERS use the FCRS data extensively for production expense summaries, financial analyses, other publications, and staff work. NASS annually releases FCRS statistics on farm production expenses, while ERS publishes a detailed summary of financial characteristics of U.S. farms (U.S. Department of Agriculture, NASS, 1992; Morehart, Johnson, and Banker, 1992). ERS conducts research on the financial status of farms and presents the findings in USDA publications, professional journals, conference presentations, and other outlets. NASS and ERS also use the data to publish annual State and regional summaries of farm financial conditions (U.S. Dept. of Agriculture, NASS and ERS, Farm Costs and Returns Survey, Summary).

Data Reliability and Survey Coverage

Operators of more than 12,000 farms and ranches were contacted and personally interviewed during February and March 1992. The sample originates from two sources. The first is a list of known operators of farms stratified by economic size and other attributes. That sample, the list frame, contains larger, more specialized operations. Maintaining a current list for smaller operations is difficult. Thus, an area frame is used to compensate for any incompleteness in the list frame. The area frame sample consists of land segments located within the 48 contiguous States stratified by land use. Rigorous procedures are followed to prevent the inclusion of any one farm in both sample frames.

The FCRS is a probability-based survey, where each respondent represents a number of farms of similar size and type. Thus, sample data can be expanded using appropriate weights to represent all U.S. farms. Estimates based on the expanded sample differ from what would have occurred if a complete enumeration

had been taken. These differences result from sampling and nonsampling variability (Ford, Nealon, and Tortora, 1986). A measure of sampling variability is available from survey results. The relative standard error (RSE) is the standard error of the estimate represented as a percentage of the estimate. The RSE, also called the coefficient of variation (CV) when computed for means, is computed by dividing the standard error of the estimate by the estimate and multiplying the result by 100. We question the reliability of an estimate when the RSE exceeds 25 percent, and data users should use caution when interpreting items reported with RSE's of this magnitude or higher.

Because of space limitations, RSE's are not published for all survey items in the tables. However, when RSE's not given in the tables exceed 25 percent, indications of their magnitude are provided. RSE's from 25 to 50 percent not given in the tables are noted with an asterisk preceding the estimate. Estimates with RSE's over 50 percent are not published without their accompanying RSE, and are denoted with an "r."

The standard error can also be used to calculate a confidence interval around an estimate. The confidence interval, based on a 95-percent probability, for average acres operated for all farms, for example, is estimated to be between 385 and 429 acres. The standard error of an estimate can also evaluate the statistical significance of differences between groups. For example, the appropriate t-statistic for a comparison between average acres operated by farms in the Northeast and the Lake States can be constructed by taking the difference between the mean of the two groups and dividing by the square root of the sum of the squared standard errors of the two groups. Or

$$\begin{aligned} t &= (\text{Acres operated}_{\text{Northeast}} - \text{Acres operated}_{\text{Lake States}}) / \\ &\quad (\text{Standard error}_{\text{Northeast}}^2 + \text{Standard error}_{\text{Lake States}}^2)^{0.5} \\ &= (172 - 271) / (8.08^2 + 12.2^2)^{0.5} \\ &= -6.77 \end{aligned}$$

Although t-statistics are not reported in this report, the discussion in each section emphasizes the comparison between groups only when estimates were significantly different at the 95-percent level.

Survey data are also influenced by nonsampling errors. Data collection procedures are made uniform and consistent across the Nation by extensively training and supervising data collectors. Efforts are also undertaken to min-

imize other types of potential nonsampling errors by using extensive edit and data analysis. Questionnaires are hand edited in State offices and through computerized routines in Washington, DC. The extent of nonsampling errors is not known or directly measurable.

NASS personnel in Washington, DC, combined the data collected in States and constructed farm size, geographic location, and production specialty variables on the basis of reported information for each farm operation. NASS is also responsible for constructing survey expansion factors, or weights. ERS provides additional information by constructing additional classification variables and by defining aggregated expense, income, asset, and debt categories as well as major financial indicators, such as net farm income and debt/asset ratio for each farm.

Comparability with Other Sources of Agricultural Data

FCRS estimates, for various reasons, often differ from other agricultural data sources. Therefore, direct comparisons between FCRS estimates published in this report and other available data should be made only with careful consideration to sample design, data collection procedures, and underlying variable definitions.

Previous Farm Costs and Returns Surveys

The procedures that NASS uses to expand the FCRS sample to create national estimates were rewritten in 1992 to more accurately account for undercoverage and nonresponse. The data for calendar year 1991, used in this report, were also adjusted and resummarized using these new procedures (Dillard, 1993). Previously, the FCRS did not represent the entire farm population; the number of farms represented in the FCRS was usually between 1.7 and 1.8 million. The new procedures, however, adjust the expanded number of farms to match the official estimates of approximately 2.1 million farms (Dillard, 1993 and U.S. Dept. of Agriculture, NASS, 1993). The current estimates, therefore, are not comparable to previous years' estimates.

1987 Census of Agriculture

In 1987, for the first time, the Census of Agriculture (taken every 5 years) and the Farm Costs and Returns Survey (taken annually) were conducted simultaneously (U.S. Dept. of Commerce, 1989). Each survey gathers economic and physical agricultural data from a common target population: all farms that sold or normally would have sold at least \$1,000 worth of agricultural products. In spite of this similarity of purpose,

there are several differences that limit comparability of data obtained from these surveys.

The most obvious differences pertain to sample design and data collection procedures. The Census of Agriculture requires mandatory participation, while the FCRS relies on voluntary response. As a result, the Census involves a complete enumeration of farms (for most items). The FCRS uses a probability-based, multiframe sampling approach, which provides estimates that are representative of the U.S. population of farms based on a smaller subsample. Questionnaires are mailed to targeted farms and are completed by respondents for the Census. FCRS data are collected through personal interview by trained enumerators. The FCRS is conducted in the 48 contiguous States, while the Census includes Alaska and Hawaii. The Census of Agriculture also includes institutional farms, which are excluded in the FCRS.

In many instances, there are conceptual differences associated with specific pieces of information obtained from these surveys due to the wording of questions asked or the instructions associated with collecting the information. In other cases, the level of detail may differ between the types of questions asked, which prohibits direct comparisons. Finally, the inclusions of landlord and contractor shares of income and expenses may not be consistent between specific categories.

USDA Agricultural Data

Estimates of income, expenses, assets, and debt of the U.S. farm sector reported in Economic Indicators of the Farm Sector (ECIFS) series are not directly comparable with estimates from this report (U.S. Dept. of Agriculture, 1994; see also "New Estimation Procedures for Farm Income Accounts," Agricultural Income and Finance: Situation and Outlook Report, AFO-50, U.S. Dept. of Agriculture, ERS, Sept. 1993). ECIFS estimates represent a combination of several data sources. In many instances, procedures used and assumptions made are dictated by the format of available data. Since the FCRS estimates represent farm operators, these estimates are typically below those of ECIFS, which represent the entire farm sector (farm operators, landlords, contractors, and others). ECIFS estimates also cover all 50 States versus the 48 States covered by the FCRS.

Appendix Tables

The appendix tables provide more detailed information than is found in the text tables. Because of space limitations, RSE's are not published for all survey items in the tables. However, when RSE's not given in the tables exceed 25 percent, indications of their magnitude are provided. RSE's from 25 to 50 percent not given in the tables are noted with an asterisk preceding the estimate. Estimates with RSE's over 50 percent are not published without their accompanying RSE, and are denoted with an "r."

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Appendix table 1—Mean acres operated, by organization, tenure, acreage, sales, solvency, and region, 1991

Item	Northeast			Lake States			Corn Belt			Northern Plains		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
All farms	146,000	172	4.7	221,000	271	4.5	436,000	290	3.7	193,000	920	8.5
Organization:												
Individual	131,982	154	5.1	200,573	246	4.9	403,603	262	3.9	178,371	834	9.6
Partnership	10,082	355	12.2	16,787	468	11.6	22,611	592	11.2	10,110	1,738	13.2
Corporation	3,936	325	29.6	3,640	762	20.1	9,561	770	12.1	4,519	2,503	21.4
Tenure:												
Full owner	81,658	111	8.9	122,183	142	6.2	221,942	144	8.4	73,114	449	29.8
Part owner	52,454	258	5.4	86,853	438	4.9	154,828	467	3.7	96,871	1,310	6.5
Tenant	11,888	212	14.4	11,964	373	14.9	59,230	375	6.2	23,015	779	16.4
Acreage class:												
49 or fewer acres	43,735	18	9.0	43,998	25	6.2	80,736	21	7.2	d	d	na
50-99 acres	29,676	70	2.0	34,642	77	3.2	72,449	73	2.1	d	d	na
100-179 acres	25,533	130	2.4	37,176	138	1.8	76,693	138	1.7	21,332	137	4.6
180-499 acres	36,301	289	2.4	73,780	302	2.0	130,682	310	1.6	44,321	324	2.6
500-999 acres	8,766	640	2.6	21,709	670	1.9	55,701	691	1.6	37,366	719	1.7
1,000-1,999 acres	1,653	1,212	4.2	8,356	1,267	2.8	17,314	1,332	1.8	32,045	1,373	1.8
2,000 or more acres	d	d	na	d	d	na	2,425	2,836	4.0	23,028	3,824	5.5
Sales class:												
\$9,999 or less	70,276	83	8.4	87,699	98	8.0	161,500	92	10.2	46,428	r	na
\$10,000-\$19,999	16,264	162	16.9	22,196	224	21.5	45,341	166	10.6	19,002	280	9.9
\$20,000-\$39,999	13,880	124	19.2	25,176	212	8.1	63,027	197	6.1	31,598	716	27.0
\$40,000-\$99,999	19,348	219	7.3	40,205	294	4.7	81,830	374	5.5	52,600	1,003	6.5
\$100,000-\$249,999	19,046	352	7.0	34,226	471	4.0	58,556	577	2.8	30,415	1,547	6.0
\$250,000-\$499,999	4,153	502	11.6	8,019	989	8.2	18,425	899	5.7	9,506	2,552	11.7
\$500,000 or more	3,033	646	15.2	3,480	1,461	11.5	7,320	1,462	8.0	3,452	3,461	12.8
Net farm income/ solvency class:												
Favorable	76,885	180	6.8	124,566	284	5.6	273,836	281	4.7	111,482	976	11.6
Marginal income	59,198	159	7.5	63,627	214	10.8	118,743	259	7.2	48,900	719	14.9
Marginal solvency	4,572	214	13.5	18,777	374	9.9	23,306	536	9.4	15,115	1,229	14.4
Vulnerable	5,345	169	19.2	14,030	279	15.0	20,114	311	15.4	17,503	857	22.0

See footnotes at end of table.

Continued—

Appendix table 1—Mean acres operated, by organization, tenure, acreage, sales, solvency, and region, 1991—Continued

Item	Appalachian			Southeast			Delta		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
All farms	303,000	156	4.7	156,500	231	9.0	114,000	331	7.8
Organization:									
Individual	283,465	143	4.7	142,982	202	10.5	105,158	275	9.7
Partnership	14,839	301	15.4	7,739	585	20.7	6,877	881	15.0
Corporation	*4,695	431	43.9	5,627	449	25.1	*1,960	1,409	24.7
Tenure:									
Full owner	179,927	111	6.8	100,018	148	10.6	66,123	199	18.5
Part owner	112,280	220	6.5	46,814	344	8.1	37,031	419	7.7
Tenant	10,792	232	14.0	9,668	544	45.0	10,846	838	11.5
Acreage class:									
49 or fewer acres	103,575	22	5.0	62,337	20	9.4	27,396	23	8.7
50-99 acres	62,718	71	2.1	24,717	73	3.0	18,009	72	3.1
100-179 acres	66,847	132	1.5	28,403	131	1.9	22,282	137	2.1
180-499 acres	53,239	285	2.8	23,885	320	3.2	27,271	293	3.5
500-999 acres	11,660	686	2.1	11,000	689	2.3	10,007	694	2.6
1,000-1,999 acres	3,920	1,286	3.2	3,568	1,323	2.5	6,162	1,332	3.0
2,000 or more acres	1,042	3,268	16.8	2,589	3,641	15.4	*2,873	3,355	5.4
Sales class:									
\$9,999 or less	198,595	88	5.7	92,310	89	10.6	67,600	123	8.2
\$10,000-\$19,999	39,118	151	9.5	16,033	221	15.9	10,220	300	22.3
\$20,000-\$39,999	23,487	190	12.3	14,779	326	11.6	9,473	680	31.9
\$40,000-\$99,999	23,058	323	11.3	14,408	366	18.1	9,133	532	11.2
\$100,000-\$249,999	12,175	484	12.7	11,179	668	29.8	9,985	679	12.6
\$250,000-\$499,999	4,638	890	17.5	4,866	571	24.9	4,957	832	11.9
\$500,000 or more	1,930	979	21.1	2,923	1,400	16.6	2,632	1,600	17.3
Net farm income/ solvency class:									
Favorable	200,038	147	6.0	94,658	221	12.7	66,371	298	7.1
Marginal income	87,374	170	8.9	52,650	241	14.1	40,205	321	19.1
Marginal solvency	*7,262	244	19.7	5,956	231	24.3	3,674	619	20.6
Vulnerable	*8,326	140	21.0	3,235	357	35.2	3,749	758	15.3

See footnotes at end of table.

Continued—

Appendix table 1—Mean acres operated, by organization, tenure, acreage, sales, solvency, and region, 1991—Continued

Item	Southern Plains			Mountain			Pacific		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
All farms	255,000	526	7.7	118,400	1,233	9.7	157,000	407	12.8
Organization:									
Individual	236,126	480	8.2	102,630	853	10.8	136,638	281	15.0
Partnership	13,186	958	21.7	9,647	2,708	17.8	11,970	1,013	26.5
Corporation	*5,354	1,520	40.5	6,029	5,335	18.1	8,367	1,596	25.8
Tenure:									
Full owner	134,189	252	11.8	74,321	681	15.2	103,430	216	23.7
Part owner	96,433	794	7.8	33,326	2,399	10.2	35,926	757	14.7
Tenant	24,378	976	26.2	10,753	1,430	21.0	17,644	816	22.6
Acreage class:									
49 or fewer acres	63,803	23	7.0	40,391	18	11.0	93,734	16	8.1
50-99 acres	30,571	73	3.2	8,487	71	3.3	16,610	71	3.4
100-179 acres	37,039	133	2.3	9,339	135	3.0	9,381	131	2.7
180-499 acres	60,544	297	3.6	18,778	311	5.2	15,903	312	3.6
500-999 acres	30,903	712	2.0	10,785	680	2.7	7,719	713	3.2
1,000-1,999 acres	20,603	1,366	2.3	13,265	1,468	2.0	5,370	1,470	4.6
2,000 or more acres	11,538	4,979	10.7	17,355	6,378	7.8	8,283	5,033	11.8
Sales class:									
\$9,999 or less	148,053	152	14.4	47,472	137	23.0	81,721	74	27.3
\$10,000-\$19,999	32,594	380	14.3	14,696	475	19.2	16,564	164	33.7
\$20,000-\$39,999	24,401	715	13.7	15,356	1,108	22.2	10,917	215	23.5
\$40,000-\$99,999	28,000	1,323	14.9	22,164	1,768	11.9	18,681	737	17.7
\$100,000-\$249,999	14,452	1,647	10.1	11,727	3,251	10.9	13,019	1,222	23.7
\$250,000-\$499,999	*4,309	1,489	22.4	3,992	4,941	24.8	6,503	1,151	29.9
\$500,000 or more	3,191	4,554	16.4	2,993	6,155	14.1	9,596	1,637	22.7
Net farm income/ solvency class:									
Favorable	133,603	528	10.9	64,700	1,277	11.9	74,154	460	14.8
Marginal income	100,255	458	12.3	40,225	1,011	18.4	64,334	343	19.6
Marginal solvency	9,038	855	15.3	7,041	1,728	17.3	4,377	583	23.1
Vulnerable	12,104	816	17.4	6,435	1,629	27.6	14,134	372	59.5

*The relative standard error of the estimate exceeds 25 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 2—Mean acres operated, by farm type, selected operator characteristics, and region, 1991

Item	Northeast			Lake States			Corn Belt			Northern Plains		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Farm type:												
Cash grains	12,904	274	12.3	59,193	387	7.1	175,187	411	4.1	81,865	923	6.7
Tobacco	d	d	na	d	d	na	d	d	na	d	d	na
Cotton	0	0	na	0	0	na	d	d	na	0	0	na
Other field crops	18,512	188	12.8	27,781	239	13.4	33,192	135	18.9	10,022	347	21.2
Vegetables, fruits, or nuts	11,253	122	14.5	11,142	108	18.4	*5,361	153	31.4	d	d	na
Nursery or greenhouse	16,664	65	38.8	d	d	na	d	d	na	d	d	na
Beef, hogs, or sheep	35,097	95	10.4	48,033	214	13.5	153,217	240	6.4	89,194	1,010	16.3
Poultry	*3,373	72	28.5	d	d	na	d	d	na	d	d	na
Dairy	35,198	304	5.2	55,220	304	4.3	37,020	235	11.7	6,847	746	12.1
Other livestock	10,240	125	17.1	14,985	80	21.9	d	d	na	d	d	na
Operator characteristics:												
Occupation—												
Farming	85,041	218	5.0	136,285	352	4.2	255,512	402	3.2	144,543	1,147	7.5
Hired farm manager	d	d	na	d	d	na	d	d	na	d	d	na
Other occupation	59,597	100	10.8	84,336	137	9.1	178,593	130	9.6	47,653	229	22.0
Age—												
Less than 35 years	13,533	148	21.9	22,729	323	9.5	55,670	283	10.2	19,566	909	14.9
35-44 years	37,955	165	10.4	54,677	303	11.3	99,126	328	7.7	39,437	1,046	9.0
45-54 years	29,655	185	8.9	49,428	295	8.4	94,472	317	6.1	41,796	891	17.4
55-64 years	31,722	191	8.2	55,573	256	8.2	78,484	343	7.2	43,782	917	13.6
65 years or older	33,135	161	10.5	38,594	186	7.5	108,249	197	9.1	48,419	850	26.5
Education—												
Less than high school	35,067	156	8.9	58,516	209	7.3	95,765	175	8.4	35,768	850	21.2
High school	58,378	176	6.8	96,067	284	6.0	209,879	298	4.7	81,392	748	12.8
Some college	21,884	196	13.3	41,583	300	11.2	83,059	363	7.5	46,847	1,175	18.7
College	30,671	168	12.8	24,834	317	17.4	47,298	362	11.1	28,993	1,081	10.3

See footnotes at end of table.

Continued—

Appendix table 2—Mean acres operated, by farm type, selected operator characteristics, and region, 1991—Continued

Item	Appalachian			Southeast			Delta		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Farm type:									
Cash grains	10,488	481	21.4	8,642	330	17.2	12,724	691	9.3
Tobacco	83,521	139	9.7	3,196	486	15.0	d	d	na
Cotton	r	402	37.7	*2,291	641	21.8	4,782	1,133	6.5
Other field crops	20,801	154	17.4	16,707	496	15.1	7,490	347	23.5
Vegetables, fruits, or nuts	*6,752	87	36.6	15,911	196	22.0	d	d	na
Nursery or greenhouse	*11,129	57	28.0	*13,013	38	46.3	d	d	na
Beef, hogs, or sheep	139,172	136	5.8	71,485	214	16.9	67,235	254	14.9
Poultry	*3,283	121	43.1	5,794	101	18.4	6,732	89	16.5
Dairy	8,088	330	12.1	*2,169	271	34.6	2,778	500	11.2
Other livestock	17,327	179	25.1	17,291	112	21.5	*5,503	258	34.9
Operator characteristics:									
Occupation—									
Farming	139,981	212	5.7	84,528	307	11.9	52,350	512	9.9
Hired farm manager	d	d	na	d	d	na	d	d	na
Other occupation	161,497	102	5.9	70,899	126	11.5	60,899	171	13.4
Age—									
Less than 35 years	24,438	149	21.8	9,935	244	30.6	9,751	398	20.2
35-44 years	57,719	137	9.2	21,667	249	15.1	21,878	429	11.4
45-54 years	71,583	181	10.0	41,402	220	11.9	26,327	364	11.6
55-64 years	74,903	160	7.5	34,181	285	24.4	24,109	254	14.1
65 years or older	74,358	144	8.0	49,315	193	13.7	31,935	276	25.8
Education—									
Less than high school	104,672	120	6.0	45,597	193	28.2	27,844	162	10.3
High school	127,129	165	6.9	55,820	214	10.5	49,713	308	9.8
Some college	37,040	154	12.1	33,544	266	12.6	18,148	556	22.4
College	34,159	234	13.9	21,539	301	15.2	18,295	428	11.2

See footnotes at end of table.

Continued—

Appendix table 2—Mean acres operated, by farm type, selected operator characteristics, and region, 1991—Continued

Item	Southern Plains			Mountain			Pacific		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Farm type:									
Cash grain	17,405	829	13.9	15,952	1,532	11.3	7,627	1,476	12.3
Tobacco	d	d	na	0	0	na	d	d	na
Cotton	11,105	1,114	12.5	1,289	454	14.3	1,506	665	21.9
Other field crops	15,834	329	18.4	22,143	377	15.7	12,274	442	16.2
Vegetables, fruits, or nuts	*4,157	207	48.6	*4,688	106	38.2	57,410	113	21.1
Nursery or greenhouse	d	d	na	d	d	na	*6,760	29	21.5
Beef, hogs, or sheep	188,729	487	10.1	56,733	1,847	12.9	49,153	752	20.5
Poultry	d	d	na	d	d	na	d	d	na
Dairy	3,643	655	28.7	2,559	262	18.1	4,946	264	18.3
Other livestock	d	d	na	10,929	596	29.5	*14,744	82	38.9
Operator characteristics:									
Occupation—									
Farming	128,337	779	8.5	72,531	1,801	8.6	79,326	638	10.6
Hired farm manager	d	d	na	*1,867	1,924	41.4	d	d	na
Other occupation	123,063	246	12.3	44,002	267	21.5	75,354	90	23.8
Age—									
Less than 35 years	17,734	477	22.1	13,010	1,108	35.9	10,785	442	53.3
35-44 years	39,984	671	22.2	26,589	1,212	17.2	36,057	487	22.0
45-54 years	50,207	621	15.4	26,594	1,365	19.1	42,387	321	28.5
55-64 years	61,149	458	12.8	24,020	1,314	16.4	31,665	497	19.8
65 years or older	85,927	462	11.5	28,186	1,116	17.3	36,106	339	19.0
Education—									
Less than high school	58,310	332	14.8	16,227	680	22.4	16,821	291	31.1
High school	81,219	470	10.7	43,057	1,123	15.3	46,736	422	20.3
Some college	68,794	548	12.5	31,757	1,348	17.5	49,727	507	20.8
College	46,677	833	16.8	27,359	1,599	15.0	43,716	323	24.3

*The relative standard error of the estimate exceeds 25 percent.

r=The relative standard error of the estimate exceeds 50 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 3—Mean sales, by organization, tenure, acreage, sales, solvency, and region, 1991

Item	Northeast			Lake States			Corn Belt			Northern Plains		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
All farms	146,000	65,026	8.8	221,000	70,361	6.5	436,000	69,409	4.3	193,000	111,177	15.3
Organization:												
Individual	131,982	45,568	7.5	200,573	55,340	7.5	403,603	58,619	4.6	178,371	74,019	8.3
Partnership	10,082	170,901	13.9	16,787	165,645	13.8	22,611	144,048	14.9	10,110	252,354	19.6
Corporation	3,936	446,289	36.1	3,640	458,629	21.5	9,561	343,469	15.3	4,519	1,262,015	52.9
Tenure:												
Full owner	81,658	36,926	22.4	122,183	31,229	13.9	221,942	27,146	8.9	73,114	79,427	51.8
Part owner	52,454	98,172	8.5	86,853	120,034	6.3	154,828	117,229	5.1	96,871	135,586	8.3
Tenant	11,888	111,791	17.2	11,964	109,403	19.3	59,230	102,773	6.9	23,015	109,306	18.3
Acreage class:												
49 or fewer acres	43,735	31,229	21.5	43,998	16,562	25.6	80,736	14,065	14.8	d	d	na
50-99 acres	29,676	42,183	45.4	34,642	11,234	15.6	72,449	13,058	15.6	d	d	na
100-179 acres	25,533	35,834	14.1	37,176	33,037	10.7	76,693	28,092	9.7	21,332	20,332	20.7
180-499 acres	36,301	82,962	7.9	73,780	77,193	9.2	130,682	75,365	5.7	44,321	55,554	24.5
500-999 acres	8,766	235,140	20.9	21,709	169,787	6.3	55,701	158,914	5.8	37,366	108,227	11.0
1,000-1,999 acres	1,653	410,916	15.3	8,356	314,622	15.9	17,314	325,117	7.6	32,045	143,749	12.1
2,000 or more acres	d	d	na	d	d	na	2,425	699,676	11.5	23,028	260,550	14.8
Sales class:												
\$9,999 or less	70,276	2,443	9.5	87,699	3,011	8.3	161,500	3,889	5.6	46,428	4,208	13.6
\$10,000-\$19,999	16,264	13,024	5.2	22,196	13,852	5.0	45,341	15,547	5.0	19,002	14,209	6.1
\$20,000-\$39,999	13,880	28,008	7.3	25,176	27,735	3.2	63,027	27,527	2.8	31,598	27,627	6.0
\$40,000-\$99,999	19,348	67,482	2.7	40,205	69,329	2.3	81,830	69,568	2.2	52,600	67,111	3.0
\$100,000-\$249,999	19,046	153,082	2.6	34,226	154,362	2.1	58,556	163,914	2.1	30,415	157,768	2.3
\$250,000-\$499,999	4,153	334,483	3.8	8,019	334,327	4.0	18,425	334,515	2.3	9,506	329,364	3.4
\$500,000 or more	3,033	1,025,789	13.2	3,480	1,013,849	10.9	7,320	784,170	6.9	3,452	2,508,541	34.1
Net farm income/ solvency class:												
Favorable	76,885	81,208	12.3	124,566	77,921	8.9	273,836	68,678	5.4	111,482	93,736	10.4
Marginal income	59,198	33,572	13.0	63,627	35,318	14.7	118,743	48,687	9.9	48,900	62,706	17.0
Marginal solvency	4,572	187,706	25.5	18,777	138,118	13.5	23,306	174,900	10.1	15,115	355,668	54.7
Vulnerable	5,345	75,682	20.9	14,030	71,478	17.1	20,114	79,470	18.4	17,503	146,554	35.0

See footnotes at end of table.

Continued—

Appendix table 3—Mean sales, by organization, tenure, acreage, sales, solvency, and region, 1991—Continued

Item	Appalachian			Southeast			Delta		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
All farms	303,000	29,530	7.1	156,500	55,308	9.1	114,000	62,714	7.7
Organization:									
Individual	283,465	25,383	8.2	142,982	40,396	10.9	105,158	46,436	9.1
Partnership	14,839	79,179	18.0	7,739	171,220	17.2	6,877	242,831	18.1
Corporation	*4,695	122,971	25.2	5,627	271,388	27.0	*1,960	299,967	31.6
Tenure:									
Full owner	179,927	17,270	14.3	100,018	35,680	15.8	66,123	34,321	14.8
Part owner	112,280	45,934	8.1	46,814	86,455	10.1	37,031	85,585	11.4
Tenant	10,792	63,268	18.4	9,668	107,542	24.8	10,846	157,731	14.3
Acreage class:									
49 or fewer acres	103,575	10,823	16.1	62,337	30,154	26.9	27,396	25,653	30.8
50-99 acres	62,718	21,137	29.2	24,717	29,543	28.9	18,009	29,517	37.4
100-179 acres	66,847	14,522	11.7	28,403	32,646	17.4	22,282	37,366	26.0
180-499 acres	53,239	43,738	9.8	23,885	52,969	13.7	27,271	45,878	12.9
500-999 acres	11,660	143,127	12.3	11,000	127,574	14.6	10,007	112,265	14.1
1,000-1,999 acres	3,920	277,287	11.8	3,568	289,825	20.1	6,162	236,404	14.9
2,000 or more acres	1,042	427,753	17.9	2,589	546,761	18.3	*2,873	435,456	26.0
Sales class:									
\$9,999 or less	198,595	3,235	5.2	92,310	2,563	7.9	67,600	2,670	8.3
\$10,000-\$19,999	39,118	14,415	3.4	16,033	13,220	3.2	10,220	15,348	7.3
\$20,000-\$39,999	23,487	30,605	7.4	14,779	26,171	5.2	9,473	23,782	6.1
\$40,000-\$99,999	23,058	68,404	4.4	14,408	70,329	4.0	9,133	73,512	5.4
\$100,000-\$249,999	12,175	163,297	2.7	11,179	166,877	3.9	9,985	183,548	4.4
\$250,000-\$499,999	4,638	373,880	3.3	4,866	381,083	3.9	4,957	353,963	4.5
\$500,000 or more	1,930	892,963	12.9	2,923	1,056,012	11.4	2,632	884,424	8.6
Net farm income/ solvency class:									
Favorable	200,038	30,935	8.5	94,658	60,901	10.5	66,371	69,209	9.5
Marginal income	87,374	21,345	16.4	52,650	24,159	17.8	40,205	27,063	15.0
Marginal solvency	*7,262	93,690	21.8	5,956	196,778	24.5	3,674	236,497	17.2
Vulnerable	*8,326	25,716	34.5	3,235	138,137	36.4	3,749	159,729	23.1

See footnotes at end of table.

Continued—

Appendix table 3—Mean sales, by organization, tenure, acreage, sales, solvency, and region, 1991—Continued

Item	Southern Plains			Mountain			Pacific		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
All farms	255,000	54,288	12.6	118,400	72,876	8.3	157,000	137,132	12.6
Organization:									
Individual	236,126	40,742	11.7	102,630	48,440	9.0	136,638	69,572	14.7
Partnership	13,186	90,568	23.1	9,647	194,634	14.2	11,970	371,268	23.8
Corporation	*5,354	563,257	54.7	6,029	292,382	17.7	8,367	904,605	19.8
Tenure:									
Full owner	134,189	30,903	31.3	74,321	40,662	13.7	103,430	81,634	21.3
Part owner	96,433	70,872	10.8	33,326	128,594	6.8	35,926	240,804	15.3
Tenant	24,378	117,416	31.1	10,753	122,840	21.7	17,644	251,361	23.8
Acreage class:									
49 or fewer acres	63,803	3,217	35.5	40,391	15,284	32.5	93,734	31,411	23.8
50-99 acres	30,571	31,215	67.9	8,487	39,370	29.0	16,610	96,053	38.5
100-179 acres	37,039	24,185	40.3	9,339	53,700	23.6	9,381	264,854	31.6
180-499 acres	60,544	45,431	38.1	18,778	64,612	16.0	15,903	243,337	16.0
500-999 acres	30,903	88,864	21.2	10,785	139,188	17.2	7,719	329,509	19.3
1,000-1,999 acres	20,603	117,316	10.5	13,265	95,781	11.0	5,370	460,612	37.2
2,000 or more acres	11,538	335,816	21.8	17,355	183,847	6.8	8,283	678,306	24.4
Sales class:									
\$9,999 or less	148,053	2,560	8.7	47,472	2,738	10.1	81,721	1,832	8.9
\$10,000-\$19,999	32,594	14,236	3.2	14,696	14,036	5.7	16,564	12,912	4.3
\$20,000-\$39,999	24,401	25,998	3.5	15,356	29,644	3.3	10,917	28,042	6.1
\$40,000-\$99,999	28,000	69,464	3.8	22,164	69,931	4.4	18,681	64,962	4.8
\$100,000-\$249,999	14,452	168,800	6.2	11,727	152,601	2.6	13,019	158,301	3.8
\$250,000-\$499,999	*4,309	356,770	7.1	3,992	333,101	4.5	6,503	330,975	3.4
\$500,000 or more	3,191	2,019,322	22.9	2,993	1,058,286	8.9	9,596	1,608,342	11.1
Net farm income/ solvency class:									
Favorable	133,603	60,044	16.1	64,700	75,914	10.5	74,154	175,043	12.9
Marginal income	100,255	25,183	14.6	40,225	42,638	13.1	64,334	64,181	26.6
Marginal solvency	9,038	159,535	22.5	7,041	201,041	19.2	4,377	603,684	38.1
Vulnerable	12,104	153,249	55.6	6,435	91,117	21.7	14,134	125,800	45.3

*=The relative standard error of the estimate exceeds 25 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 4—Mean sales, by farm type, selected operator characteristics, and region, 1991

Item	Northeast			Lake States			Corn Belt			Northern Plains		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	Farms	Dollars	Percent	Farms	Dollars	Percent	Farms	Dollars	Percent	Farms	Dollars	Percent
Farm type:												
Cash grains	12,904	50,890	18.7	59,193	78,094	9.1	175,187	85,732	4.7	81,865	87,157	7.1
Tobacco	d	d	na	d	d	na	d	d	na	d	d	na
Cotton	0	0	na	0	0	na	d	d	na	0	0	na
Other field crops	18,512	15,223	24.5	27,781	33,809	31.8	33,192	7,926	31.0	10,022	33,822	24.6
Vegetables, fruits, or nuts	11,253	83,764	23.3	11,142	62,034	27.3	*5,361	72,558	34.1	d	d	na
Nursery or greenhouse	16,664	82,994	42.9	d	d	na	d	d	na	d	d	na
Beef, hogs, or sheep	35,097	14,731	21.6	48,033	42,158	21.6	153,217	61,875	7.9	89,194	141,759	26.5
Poultry	*3,373	213,604	32.7	d	d	na	d	d	na	d	d	na
Dairy	35,198	135,905	8.6	55,220	104,153	4.8	37,020	84,293	17.6	6,847	127,529	11.9
Other livestock	10,240	15,502	26.1	14,985	22,371	50.8	d	d	na	d	d	na
Operator characteristics:												
Occupation—												
Farming	85,041	103,665	8.8	136,285	104,521	5.6	255,512	106,098	3.8	144,543	136,546	15.7
Hired farm manager	d	d	na	d	d	na	d	d	na	d	d	na
Other occupation	59,597	8,126	12.4	84,336	12,601	16.2	178,593	14,476	8.1	47,653	16,493	16.9
Age—												
Less than 35 years	13,533	62,027	16.9	22,729	94,871	10.7	55,670	83,905	11.6	19,566	96,133	11.9
35-44 years	37,955	62,742	11.1	54,677	79,262	13.5	99,126	85,421	8.9	39,437	116,141	11.9
45-54 years	29,655	89,367	23.0	49,428	87,456	13.0	94,472	75,344	8.1	41,796	112,284	20.2
55-64 years	31,722	72,359	15.3	55,573	60,990	13.6	78,484	77,178	8.8	43,782	180,945	39.1
65 years or older	33,135	40,063	27.8	38,594	34,918	19.5	108,249	36,481	12.5	48,419	49,172	24.9
Education—												
Less than high school	35,067	65,270	15.2	58,516	45,032	11.9	95,765	38,804	10.1	35,768	61,805	24.2
High school	58,378	78,499	15.8	96,067	69,436	8.2	209,879	69,521	6.0	81,392	89,848	16.2
Some college	21,884	62,348	13.9	41,583	79,597	11.5	83,059	89,499	8.9	46,847	162,483	39.3
College	30,671	41,013	14.5	24,834	118,160	25.0	47,298	95,605	13.0	28,993	149,064	18.0

See footnotes at end of table.

Continued—

Appendix table 4—Mean sales, by farm type, selected operator characteristics, and region, 1991—Continued

Item	Appalachian			Southeast			Delta		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
Farm type:									
Cash grains	10,488	70,985	21.2	8,642	38,166	28.4	12,724	116,976	12.9
Tobacco	83,521	32,495	12.3	3,196	155,438	6.4	d	d	na
Cotton	r	95,982	49.0	*2,291	163,493	17.2	4,782	302,069	7.1
Other field crops	20,801	19,733	31.3	16,707	81,802	20.7	7,490	50,616	33.9
Vegetables, fruits, or nuts	*6,752	25,661	34.1	15,911	92,776	24.5	d	d	na
Nursery or greenhouse	*11,129	36,301	25.5	*13,013	88,326	43.9	d	d	na
Beef, hogs, or sheep	139,172	14,781	19.7	71,485	19,156	15.6	67,235	16,214	18.7
Poultry	*3,283	228,551	15.0	5,794	227,970	17.8	6,732	268,542	14.8
Dairy	8,088	148,042	15.4	*2,169	306,343	39.5	2,778	208,665	14.0
Other livestock	17,327	15,146	24.3	17,291	6,220	25.1	*5,503	30,994	44.7
Operator characteristics:									
Occupation—									
Farming	139,981	48,576	7.6	84,528	88,103	9.9	52,350	121,056	8.0
Hired farm manager	d	d	na	d	d	na	d	d	na
Other occupation	161,497	10,692	11.3	70,899	14,641	22.8	60,899	11,382	18.9
Age—									
Less than 35 years	24,438	40,625	19.5	9,935	149,770	25.6	9,751	82,579	22.7
35-44 years	57,719	39,648	16.0	21,667	87,625	17.8	21,878	83,117	15.0
45-54 years	71,583	36,298	13.2	41,402	60,485	14.8	26,327	86,783	14.4
55-64 years	74,903	24,776	10.7	34,181	50,825	15.8	24,109	57,834	19.5
65 years or older	74,358	16,303	20.3	49,315	20,839	17.8	31,935	26,515	18.7
Education—									
Less than high school	104,672	18,508	15.0	45,597	25,224	17.7	27,844	43,715	21.7
High school	127,129	34,228	11.1	55,820	55,485	15.9	49,713	51,981	12.7
Some college	37,040	32,699	12.4	33,544	74,353	14.5	18,148	79,162	16.0
College	34,159	42,387	14.1	21,539	88,871	19.7	18,295	104,482	15.8

See footnotes at end of table.

Continued—

Appendix table 4—Mean sales, by farm type, selected operator characteristics, and region, 1991—Continued

Item	Southern Plains			Mountain			Pacific		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
Farm type:									
Cash grains	17,405	120,636	26.7	15,952	107,627	10.1	7,627	178,569	11.9
Tobacco	d	d	na	0	0	na	d	d	na
Cotton	11,105	124,827	11.4	1,289	188,686	22.5	1,506	399,995	22.0
Other field crops	15,834	21,928	17.6	22,143	63,052	14.8	12,274	115,370	20.0
Vegetables, fruits, or nuts	*4,157	40,994	47.2	*4,688	49,995	40.4	57,410	169,004	24.4
Nursery or greenhouse	d	d	na	d	d	na	*6,760	361,924	40.7
Beef, hogs, or sheep	188,729	42,208	19.4	56,733	61,641	12.5	49,153	36,011	23.7
Poultry	d	d	na	d	d	na	d	d	na
Dairy	3,643	199,294	18.8	2,559	348,334	17.9	4,946	567,900	17.3
Other livestock	d	d	na	10,929	28,132	25.7	*14,744	14,554	40.4
Operator characteristics:									
Occupation—									
Farming	128,337	74,411	11.5	72,531	105,124	6.9	79,326	211,686	10.4
Hired farm manager	d	d	na	*1,867	225,470	42.7	d	d	na
Other occupation	123,063	14,157	18.1	44,002	13,245	17.4	75,354	12,858	21.9
Age—									
Less than 35 years	17,734	98,209	31.0	13,010	85,307	24.6	10,785	127,809	30.9
35-44 years	39,984	101,990	32.6	26,589	87,921	13.3	36,057	167,599	23.0
45-54 years	50,207	58,698	19.9	26,594	79,270	16.7	42,387	160,605	25.7
55-64 years	61,149	48,118	26.3	24,020	77,777	15.4	31,665	130,426	16.2
65 years or older	85,927	24,842	14.6	28,186	42,736	13.3	36,106	87,813	18.3
Education—									
Less than high school	58,310	20,897	15.9	16,227	32,173	19.5	16,821	71,576	21.5
High school	81,219	42,521	17.0	43,057	65,973	12.7	46,736	159,125	20.4
Some college	68,794	53,774	22.3	31,757	87,268	13.5	49,727	103,280	20.2
College	46,677	117,236	25.4	27,359	91,174	12.7	43,716	177,349	25.1

*The relative standard error of the estimate exceeds 25 percent.

†The relative standard error of the estimate exceeds 50 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 5—Mean acres operated, by tenure, acreage, sales, solvency, and organization, 1991

Item	Individual			Partnership			Corporation		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
All farms	1,921,528	344	3.1	123,848	875	7.0	53,688	1,559	10.5
Tenure:									
Full owner	1,083,735	181	6.5	51,459	467	14.0	21,061	1,216	19.1
Part owner	675,757	559	3.3	53,290	1,221	9.1	23,664	2,025	14.2
Tenant	162,035	544	8.5	19,099	1,008	16.3	8,963	1,134	28.2
Acreage class:									
49 or fewer acres	549,048	20	2.8	18,165	20	11.1	10,104	13	13.4
50-99 acres	299,364	72	1.0	12,283	77	5.0	*3,284	64	4.5
100-179 acres	314,884	135	0.8	14,107	139	2.5	*5,032	127	3.6
180-499 acres	442,723	302	0.9	32,088	315	2.9	9,579	324	4.5
500-999 acres	175,553	691	0.8	22,192	721	2.2	7,758	714	3.3
1,000-1,999 acres	91,814	1,362	1.0	11,700	1,409	2.0	8,629	1,322	3.0
2,000 or more acres	48,141	4,286	4.5	13,313	4,694	7.2	9,303	6,735	10.7
Sales class:									
\$9,999 or less	963,424	108	10.0	28,524	193	27.2	*9,693	264	51.1
\$10,000-\$19,999	217,847	233	6.0	12,159	261	24.4	d	d	na
\$20,000-\$39,999	216,718	400	9.5	12,023	353	12.9	*3,069	1,199	54.6
\$40,000-\$99,999	277,805	655	4.9	22,889	735	13.0	8,731	952	19.4
\$100,000-\$249,999	176,787	825	3.8	24,946	1,358	14.2	12,568	1,710	17.9
\$250,000-\$499,999	49,006	1,086	5.7	12,768	1,431	9.4	7,578	3,168	25.0
\$500,000 or more	19,941	1,981	11.7	10,539	2,507	11.0	10,027	2,248	12.0
Net farm income/ solvency class:									
Favorable	1,114,008	343	4.4	77,006	864	8.7	28,829	1,516	12.7
Marginal income	624,113	288	4.9	32,208	869	16.5	18,865	1,611	21.3
Marginal solvency	89,040	633	7.7	7,601	993	15.1	2,465	1,183	26.6
Vulnerable	94,366	465	10.8	7,033	891	25.2	*3,529	1,895	38.9

*=The relative standard error of the estimate exceeds 25 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 6—Mean acres operated, by farm type, selected operator characteristics, and organization, 1991

Item	Individual			Partnership			Corporation		
	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹	Expanded count	Mean acres	RSE of mean ¹
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Farm type:									
Cash grains	361,068	523	3.4	30,748	1,106	10.2	10,088	1,778	9.8
Tobacco	92,337	141	9.0	*3,539	342	26.1	d	d	na
Cotton	18,867	816	11.4	3,318	1,462	7.5	1,284	1,421	13.6
Other field crops	168,189	236	6.0	12,816	509	17.9	*3,621	1,286	17.9
Vegetables, fruit, or nuts	105,197	83	12.4	7,524	290	22.5	8,021	556	21.8
Nursery or greenhouse	49,449	80	41.7	d	d	na	5,855	100	51.2
Beef, hogs, or sheep	844,499	386	5.5	35,819	1,348	13.7	17,716	2,883	18.9
Poultry	26,666	106	14.3	d	d	na	d	d	na
Dairy	137,727	288	4.8	17,882	492	5.2	2,860	654	10.1
Other livestock	117,528	201	10.9	d	d	na	d	d	na
Operator characteristics:									
Occupation—									
Farming	1,052,735	508	3.3	85,155	1,086	7.1	40,113	1,784	11.5
Hired farm manager	7,361	787	56.5	*2,283	1,685	63.6	*5,810	1,608	33.1
Other occupation	861,432	141	4.7	36,410	331	15.6	7,765	358	23.4
Age—									
Less than 35 years	173,178	327	7.8	15,151	859	26.6	*8,816	1,233	41.9
35-44 years	392,791	374	5.9	29,077	909	10.3	13,187	1,716	21.7
45-54 years	435,701	349	5.2	25,889	928	14.9	12,131	1,952	18.2
55-64 years	421,770	344	4.8	27,093	1,101	15.6	10,165	1,507	19.4
65 years or older	498,089	323	8.5	26,640	563	13.2	9,388	1,193	21.5
Education—									
Less than high school	468,873	233	7.8	22,047	467	16.7	3,559	1,714	30.2
High school	789,626	323	3.4	43,684	870	12.6	15,794	1,415	19.2
Some college	384,484	449	7.5	28,633	989	12.4	19,175	1,640	21.8
College	278,545	448	7.5	29,484	1,076	14.2	15,160	1,570	14.2

*The relative standard error of the estimate exceeds 25 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller relative standard error indicates greater reliability of the estimate.

Appendix table 7—Mean sales, by tenure, acreage, sales, solvency, and organization, 1991

Item	Individual			Partnership			Corporation		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
All farms	1,921,528	49,923	2.8	123,848	177,620	6.8	53,688	511,336	14.3
Tenure:									
Full owner	1,083,735	25,285	6.3	51,459	79,596	12.7	21,061	553,152	30.4
Part owner	675,757	82,393	3.0	53,290	231,086	7.7	23,664	463,747	13.2
Tenant	162,035	79,287	5.6	19,099	292,542	17.2	8,963	538,728	23.1
Acreage class:									
49 or fewer acres	549,048	14,019	10.2	18,165	78,899	22.5	10,104	180,513	26.7
50-99 acres	299,364	19,570	12.6	12,283	44,683	34.0	*3,284	1,601,031	64.2
100-179 acres	314,884	30,531	9.8	14,107	63,387	26.5	*5,032	166,156	40.6
180-499 acres	442,723	58,648	3.6	32,088	108,776	10.6	9,579	440,238	33.0
500-999 acres	175,553	116,973	4.0	22,192	201,337	10.0	7,758	594,610	15.7
1,000-1,999 acres	91,814	164,178	5.3	11,700	367,438	11.5	8,629	450,497	24.7
2,000 or more acres	48,141	232,327	10.7	13,313	515,596	13.4	9,303	732,920	16.9
Sales class:									
\$9,999 or less	963,424	2,944	2.8	28,524	3,660	14.3	*9,693	3,780	15.0
\$10,000-\$19,999	217,847	14,288	1.7	12,159	13,223	6.7	d	d	na
\$20,000-\$39,999	216,718	27,537	1.8	12,023	29,792	5.5	*3,069	27,691	8.5
\$40,000-\$99,999	277,805	68,244	1.1	22,889	73,411	4.6	8,731	74,137	7.8
\$100,000-\$249,999	176,787	159,388	1.1	24,946	165,662	2.3	12,568	173,659	4.5
\$250,000-\$499,999	49,006	338,403	1.6	12,768	362,749	2.0	7,578	330,993	3.1
\$500,000 or more	19,941	1,017,567	6.6	10,539	1,037,088	8.5	10,027	2,189,551	15.9
Net farm income/ solvency class:									
Favorable	1,114,008	52,987	3.7	77,006	184,752	7.0	28,829	496,856	12.2
Marginal income	624,113	28,052	4.8	32,208	96,515	14.3	18,865	265,602	23.4
Marginal solvency	89,040	142,663	6.3	7,601	468,303	26.6	2,465	1,972,357	62.0
Vulnerable	94,366	70,883	11.1	7,033	156,768	24.8	*3,529	922,545	46.8

*=The relative standard error of the estimate exceeds 25 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 8—Mean sales, by farm type, selected operator characteristics, and organization, 1991

Item	Individual			Partnership			Corporation		
	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹	Expanded count	Mean sales	RSE of mean ¹
	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>	<i>Farms</i>	<i>Dollars</i>	<i>Percent</i>
Farm type:									
Cash grains	361,068	74,320	3.5	30,748	170,760	10.2	10,088	303,531	13.5
Tobacco	92,337	30,525	11.8	*3,539	114,434	30.4	d	d	na
Cotton	18,867	129,075	9.6	3,318	451,074	9.1	1,284	334,723	17.0
Other field crops	168,189	26,899	8.9	12,816	99,448	23.6	*3,621	364,055	30.8
Vegetables, fruits, or nuts	105,197	50,305	15.4	7,524	408,758	33.4	8,021	683,352	26.5
Nursery or greenhouse	49,449	81,097	27.1	d	d	na	5,855	454,024	26.8
Beef, hogs, or sheep	844,499	32,690	5.6	35,819	119,575	14.7	17,716	593,967	33.4
Poultry	26,666	213,114	11.6	d	d	na	d	d	na
Dairy	137,727	107,967	5.6	17,882	255,093	6.6	2,860	687,187	17.9
Other livestock	117,528	15,768	13.3	d	d	na	d	d	na
Operator characteristics:									
Occupation—									
Farming	1,052,735	81,209	2.8	85,155	227,820	6.9	40,113	484,830	16.7
Hired farm manager	7,361	108,600	45.4	*2,283	467,205	32.6	*5,810	1,293,070	36.8
Other occupation	861,432	11,186	5.4	36,410	42,054	17.0	7,765	63,365	27.7
Age—									
Less than 35 years	173,178	71,349	7.2	15,151	173,261	14.6	*8,816	234,998	28.1
35-44 years	392,791	60,259	4.9	29,077	218,387	11.5	13,187	620,289	23.3
45-54 years	435,701	57,446	5.7	25,889	216,512	18.6	12,131	608,740	18.7
55-64 years	421,770	51,423	6.2	27,093	180,128	10.4	10,165	683,584	43.6
65 years or older	498,089	26,471	6.8	26,640	95,256	16.9	9,388	305,441	19.7
Education—									
Less than high school	468,873	31,752	6.1	22,047	92,080	16.5	3,559	328,777	20.0
High school	789,626	51,596	3.9	43,684	193,603	12.0	15,794	485,208	20.1
Some college	384,484	60,105	5.7	28,633	177,121	12.4	19,175	429,593	38.1
College	278,545	61,710	8.1	29,484	218,386	12.8	15,160	684,810	17.6

*The relative standard error of the estimate exceeds 25 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller relative standard error indicates greater reliability of the estimate.

Item	Northeast				Lake States				Corn Belt			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	25,160	146,000	172	4.7	59,901	221,000	271	4.2	126,456	436,000	290	3.2
Owned	17,427	135,515	129	6.2	40,266	209,826	192	4.8	66,882	379,886	176	5.6
Rented in	8,366	64,342	130	6.8	22,334	98,817	226	6.9	65,570	214,058	306	3.7
Rented out	636	19,214	33	18.0	2,703	32,970	82	17.7	6,020	59,553	101	15.6
Cropland removed from production	898	18,576	48	21.3	5,236	103,248	51	17.1	8,505	199,812	43	13.4
Conservation Reserve Program	271	*5,496	49	39.1	3,103	31,894	97	28.4	4,947	51,556	96	22.6
Set-aside and other	542	11,251	48	27.2	1,873	75,289	25	7.3	3,412	161,537	21	5.2
Summer fallow	85	3,735	23	34.5	260	10,667	24	20.2	d	d	d	na
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	9,135,656	134,159	68,096	8.2	16,006,983	211,879	75,548	5.0	26,393,633	426,274	61,917	3.1
Livestock sales	5,336,658	82,587	64,618	7.5	8,010,888	132,337	60,534	6.2	11,335,099	278,375	40,719	4.8
Crop sales	3,173,228	72,538	43,746	19.9	6,133,118	116,116	52,819	9.1	12,006,395	273,523	43,895	4.4
Govt. payments	114,806	21,744	5,280	19.0	679,585	110,684	6,140	7.5	1,429,354	213,513	6,694	6.0
Other farm-related income	510,965	54,934	9,301	11.9	1,183,392	138,655	8,535	14.4	1,622,784	229,324	7,076	8.3
Cash expenses	8,000,502	145,778	54,881	8.3	12,747,426	219,069	58,189	5.0	21,615,690	435,022	49,689	3.1
Net cash farm income	1,135,154	145,927	7,779	15.9	3,259,556	220,210	14,802	9.1	4,777,943	436,000	10,959	6.6
Net farm income	1,221,173	146,000	8,364	16.4	2,887,610	221,000	13,066	12.1	4,313,170	436,000	9,893	8.3
Farm assets	71,204,341	146,000	487,701	5.5	79,281,385	221,000	358,739	5.0	142,675,130	436,000	327,237	3.4
Liabilities	6,141,068	137,656	44,612	7.0	13,802,562	215,978	63,907	5.4	19,141,923	422,356	45,322	4.2
Equity	65,063,273	146,000	445,639	5.9	65,478,822	221,000	296,284	5.7	123,533,207	436,000	283,333	3.7
Capital investments	937,368	83,969	11,163	7.8	1,742,616	131,392	13,263	6.8	3,186,879	264,774	12,036	6.1

See footnotes at end of table.

Continued—

Appendix table 9—Selected characteristics of farms, by region, 1991—Continued

Item	Northern Plains				Appalachian				Southeast			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	177,588	193,000	920	7.8	47,150	303,000	156	4.9	36,172	156,500	231	8.2
Owned	105,465	172,230	612	12.1	33,437	293,585	114	5.8	24,400	149,044	164	7.1
Rented in	81,507	119,886	680	5.7	15,497	123,073	126	7.4	13,128	56,482	232	18.4
Rented out	9,394	45,189	208	13.1	1,785	37,791	47	24.0	1,364	11,070	123	19.7
Cropland removed from production	24,731	124,575	199	7.0	1,558	32,201	48	14.4	2,361	25,965	91	12.6
Conservation Reserve Program	8,667	40,776	213	11.3	845	11,406	74	23.5	854	11,609	74	17.0
Set-aside and other	6,437	103,244	62	6.9	640	22,145	29	12.8	1,218	16,124	76	16.1
Summer fallow	9,627	43,093	223	10.7	73	*3,336	22	32.8	289	*3,036	*95	40.6
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	16,971,227	189,584	89,518	5.6	7,544,943	281,139	26,837	5.6	7,448,083	136,679	54,493	8.0
Livestock sales	8,991,926	133,142	67,536	9.8	2,868,462	190,205	15,081	6.2	1,880,477	87,837	21,409	9.8
Crop sales	5,222,724	123,503	42,288	4.5	4,061,159	145,752	27,863	9.0	4,858,443	60,894	79,785	11.3
Govt. payments	1,547,701	127,537	12,135	4.8	146,955	42,442	3,462	10.0	165,001	29,934	5,512	8.1
Other farm-related income	1,208,876	143,245	8,439	13.1	468,366	100,235	4,673	10.9	544,162	34,449	15,796	14.2
Cash expenses	14,117,717	192,987	73,154	6.6	6,671,540	301,150	22,154	6.2	6,352,511	156,117	40,691	6.6
Net cash farm income	2,853,511	193,000	14,785	8.0	873,404	302,082	*2,891	25.5	1,095,573	156,500	*7,000	31.2
Net farm income	2,312,394	193,000	11,981	11.3	1,578,838	302,305	5,223	15.2	1,695,813	156,500	10,836	23.7
Farm assets	72,931,571	193,000	377,884	5.2	75,786,820	303,000	250,122	6.2	53,272,713	156,482	340,439	7.5
Liabilities	12,679,419	191,368	66,257	5.6	5,196,231	286,133	18,160	8.3	3,888,475	143,463	27,104	9.6
Equity	60,252,152	193,000	312,187	6.0	70,590,589	303,000	232,972	6.3	49,384,239	156,482	315,590	8.0
Capital investments	1,522,234	117,120	12,997	8.0	1,224,103	160,203	7,641	10.2	738,696	64,025	11,538	13.8

See footnotes at end of table.

Continued—

Appendix table 9—Selected characteristics of farms, by region, 1991—Continued

Item	Delta				Southern Plains			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	37,776	114,000	331	8.2	134,138	255,000	526	6.0
Owned	20,187	104,670	193	12.9	68,918	232,902	296	6.8
Rented in	18,807	47,877	393	9.9	71,034	120,811	588	9.5
Rented out	1,218	8,806	138	21.4	5,885	26,928	219	16.9
Cropland removed from production	1,977	21,380	92	10.2	8,670	48,597	178	10.6
Conservation Reserve Program	583	6,980	83	24.1	3,955	10,539	375	19.2
Set-aside and other	1,075	14,129	76	12.4	3,767	40,037	94	8.7
Summer fallow	318	2,303	138	17.1	948	*7,387	128	25.2
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	5,526,285	101,519	54,436	4.8	10,070,119	227,988	44,169	5.2
Livestock sales	1,643,986	71,126	23,114	10.2	5,237,399	192,563	27,198	7.3
Crop sales	2,897,822	28,353	102,203	6.4	2,595,385	61,818	41,984	6.7
Govt. payments	399,734	26,854	14,886	6.9	747,576	59,424	12,580	6.9
Other farm-related income	584,742	35,302	16,564	9.4	1,489,760	81,836	18,204	18.7
Cash expenses	4,578,549	114,000	40,163	5.0	9,738,034	253,491	38,416	5.1
Net cash farm income	947,736	114,000	8,313	13.7	r 254,748	r	na	na
Net farm income	1,318,673	114,000	11,567	14.6	905,087	255,000	*3,549	32.6
Farm assets	31,776,671	113,971	278,812	8.2	79,879,884	254,974	313,286	5.9
Liabilities	2,859,896	101,766	28,103	6.8	8,372,602	243,950	34,321	10.9
Equity	28,916,775	114,000	253,656	8.9	71,507,282	254,974	280,449	6.3
Capital investments	734,179	62,673	11,714	7.1	1,357,769	125,985	10,777	11.2

See footnotes at end of table.

Continued—

Appendix table 9—Selected characteristics of farms, by region, 1991—Continued

Item	Mountain				Pacific			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	1,000 acres	Number	Acres	Percent	1,000 acres	Number	Acres	Percent
Acres operated	145,943	118,400	1,233	6.7	63,942	157,000	407	9.6
Owned	102,821	109,008	943	7.3	35,729	140,184	255	13.8
Rented in	51,918	44,059	1,178	10.6	29,979	53,570	560	12.0
Rented out	10,679	11,042	*967	29.4	1,845	12,298	150	22.8
Cropland removed from production	12,639	29,586	427	10.9	6,298	15,349	410	16.2
Conservation Reserve Program	3,988	9,714	411	18.5	1,614	2,933	550	33.1
Set-aside and other	2,615	21,328	123	13.0	1,677	10,417	161	18.6
Summer fallow	6,036	16,296	370	11.9	3,007	7,471	403	21.0
	1,000 dollars		Dollars		1,000 dollars		Dollars	
Gross cash income	8,617,308	110,438	78,028	4.5	22,952,726	138,388	165,858	8.7
Livestock sales	4,264,966	76,438	55,796	6.0	5,422,133	63,028	86,028	11.8
Crop sales	2,971,681	55,773	53,282	7.9	14,279,860	80,282	177,871	12.6
Govt. payments	587,449	32,052	18,328	12.2	485,783	16,731	29,035	10.4
Other farm-related income	793,212	53,503	14,826	11.7	2,764,950	63,461	43,569	14.9
Cash expenses	7,434,489	118,127	62,937	4.7	20,006,267	156,837	127,561	8.8
Net cash farm income	1,182,818	118,400	9,990	13.9	2,946,459	157,000	*18,767	22.2
Net farm income	1,426,532	118,400	12,048	12.9	2,179,403	157,000	*13,882	30.9
Farm assets	65,215,865	118,127	552,084	6.9	132,149,190	156,590	843,918	16.0
Liabilities	8,315,911	115,841	71,787	7.8	16,331,497	149,870	108,971	18.1
Equity	56,899,954	118,127	481,686	7.6	115,817,692	157,000	737,692	16.6
Capital investments	972,117	75,747	12,834	9.3	1,672,569	81,917	20,418	12.6

*The relative standard error of the estimate exceeds 25 percent.

r=The relative standard error of the estimate exceeds 50 percent.

d=Data insufficient for disclosure.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 10—Selected characteristics of farms, by organization, 1991

Item	Individual				Partnership				Corporation			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	661,591	1,921,528	344	2.8	108,321	123,848	875	6.7	83,688	53,688	1,559	10.0
Owned	399,334	1,775,162	225	3.9	58,631	105,233	557	8.1	57,057	45,700	1,249	11.7
Rented in	295,049	837,773	352	3.4	52,342	72,389	723	8.7	30,623	32,627	939	12.7
Rented out	34,788	249,625	139	10.3	2,664	8,797	303	23.2	4,013	6,364	*630	22.3
Cropland removed from production	57,163	550,336	104	4.8	9,583	48,871	196	13.2	6,102	19,916	306	14.6
Conservation Reserve Program	24,647	168,229	147	8.1	3,106	10,189	305	22.7	1,073	4,485	239	28.9
Set-aside and other	17,605	417,629	42	4.0	3,524	39,880	88	9.6	2,104	17,824	118	15.2
Summer fallow	14,911	88,876	168	8.6	2,953	8,721	339	20.8	2,925	4,850	603	20.0
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	87,404,408	1,783,124	49,018	2.2	21,333,064	120,614	176,871	5.7	21,797,457	53,475	407,618	8.9
Livestock sales	38,780,832	1,206,634	32,140	2.9	8,428,376	72,449	116,335	5.9	7,770,603	28,513	272,524	12.7
Crop sales	35,996,490	901,112	39,947	3.8	10,353,656	79,590	130,088	9.6	11,742,020	37,028	317,113	13.4
Govt. payments	4,875,648	608,991	8,006	3.2	961,483	50,452	19,058	7.3	462,242	21,019	21,991	9.8
Other farm-related income	7,751,438	840,699	9,220	6.4	1,589,550	66,062	24,062	10.8	1,822,592	27,605	66,024	15.6
Cash expenses	75,724,212	1,914,950	39,544	2.2	16,604,538	123,106	134,880	5.1	18,809,454	53,688	350,348	9.6
Net cash farm income	11,680,196	1,920,223	6,083	6.5	4,728,525	123,119	38,406	10.5	2,988,003	53,688	55,655	15.8
Net farm income	13,108,626	1,920,833	6,824	6.2	4,381,000	123,848	35,374	10.9	2,326,386	53,688	*43,332	25.0
Farm assets	635,238,259	1,920,798	330,716	3.6	84,159,154	123,848	679,535	5.1	82,434,127	53,662	1,536,168	10.0
Liabilities	73,686,342	1,837,954	40,092	3.3	12,041,215	118,456	101,651	8.7	10,952,517	51,134	214,193	21.4
Equity	561,551,917	1,921,237	292,287	3.7	72,117,939	123,848	582,309	5.3	71,481,610	53,662	1,332,067	10.0
Capital investments	11,059,617	1,054,610	10,487	3.4	1,756,376	76,343	23,006	8.7	1,267,535	36,472	34,754	10.5

*=The relative standard error of the estimate exceeds 25 percent.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 11—Selected characteristics of farms, by tenure, 1991

Item	Full owner				Part owner				Tenant			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	246,007	1,156,904	213	5.7	490,673	752,817	652	3.0	117,546	190,179	618	7.4
Owned	271,575	1,156,904	235	5.3	243,896	752,817	324	4.2	61	17,128	4	15.9
Rented in	0	0	0	na	259,707	752,817	345	3.1	118,433	190,159	623	7.3
Rented out	27,482	192,415	143	12.6	13,051	67,714	193	10.8	997	4,733	*211	33.8
Cropland removed from production	22,688	228,292	99	8.5	41,211	303,730	136	5.6	8,975	87,267	103	11.5
Conservation Reserve Program	14,358	112,862	127	11.6	12,780	63,395	202	9.3	1,689	6,647	*254	32.7
Set-aside and other	4,228	119,906	35	10.0	15,042	274,031	55	4.4	3,987	81,564	49	8.1
Summer fallow	4,102	35,434	116	13.7	13,389	55,856	240	9.5	3,299	11,220	294	19.8
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	37,034,114	1,040,659	35,587	5.5	73,493,596	733,210	100,235	2.5	20,139,253	184,180	109,345	6.0
Livestock sales	16,384,131	675,253	24,264	5.8	31,807,616	526,369	60,428	3.5	6,800,249	106,016	64,144	8.6
Crop sales	15,409,558	428,678	35,947	11.1	32,198,527	458,798	70,180	3.7	10,591,728	131,078	80,805	8.9
Govt. payments	1,589,452	250,758	6,339	7.5	3,686,093	339,018	10,873	3.0	1,028,398	91,139	11,284	5.9
Other farm-related income	3,650,974	399,531	9,138	9.1	5,801,360	424,064	13,680	7.7	1,718,877	111,349	15,437	12.6
Cash expenses	33,077,830	1,149,583	28,774	5.8	61,709,474	752,817	81,971	2.5	16,475,420	190,179	86,631	5.3
Net cash farm income	3,956,285	1,154,870	3,426	16.2	11,784,122	752,817	15,653	5.4	3,663,833	190,179	19,265	13.1
Net farm income	5,727,763	1,156,209	4,954	12.4	10,407,956	752,817	13,825	6.5	3,702,975	190,179	19,471	14.1
Farm assets	411,104,487	1,156,237	355,554	5.7	360,288,102	752,817	478,586	2.3	32,780,982	190,091	172,449	5.8
Liabilities	35,560,922	1,101,267	32,291	9.1	54,163,464	744,180	72,783	2.6	7,005,198	162,933	42,994	6.1
Equity	375,543,564	1,156,631	324,688	5.7	306,124,638	752,817	406,639	2.6	25,775,784	190,135	135,565	6.8
Capital investments	4,129,001	521,808	7,913	6.4	8,159,573	527,217	15,477	3.6	1,799,957	118,780	15,154	8.5

*The relative standard error of the estimate exceeds 25 percent.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

4 Appendix table 12—Selected characteristics of farms, by acreage class, 1991

Item	99 or fewer acres				100-179 acres				180-499 acres			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	34,304	892,494	38	3.9	44,964	334,023	135	4.3	147,155	484,704	304	2.7
Owned	41,920	846,216	50	6.3	37,045	306,461	121	4.8	98,777	434,981	227	3.5
Rented in	6,365	207,880	31	10.0	11,250	134,188	84	7.6	55,833	293,764	190	3.8
Rented out	15,663	117,300	134	20.4	3,335	43,912	76	14.7	7,667	56,702	135	13.2
Cropland removed from production	1,704	67,931	25	14.5	3,015	90,177	33	12.8	10,391	206,136	50	10.1
Conservation Reserve Program	1,058	31,182	34	20.1	2,211	35,113	63	16.7	6,143	49,170	125	16.3
Set-aside and other	443	32,066	14	20.9	579	55,453	10	13.2	3,085	160,919	19	6.0
Summer fallow	204	11,398	*18	32.3	225	*7,108	32	31.8	1,163	21,978	53	18.6
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	16,694,636	776,920	21,488	7.9	10,080,379	314,684	32,033	9.0	30,478,884	479,286	63,592	3.4
Livestock sales	6,782,295	479,226	14,153	12.0	4,548,502	222,777	20,417	6.7	16,668,896	342,044	48,733	4.2
Crop sales	7,912,700	335,802	23,564	12.4	4,105,216	132,060	31,086	19.1	10,455,104	272,429	38,377	6.4
Govt. payments	157,342	78,111	2,014	17.7	262,168	100,022	2,621	9.7	1,158,920	233,797	4,957	5.2
Other farm-related income	1,842,298	240,100	7,673	11.5	1,164,493	136,640	8,522	22.5	2,195,964	276,665	7,937	8.0
Cash expenses	16,479,321	886,048	18,599	7.1	8,937,482	333,814	26,774	8.8	25,681,039	484,116	53,047	3.3
Net cash farm income	r	890,772	r	na	1,142,897	333,962	3,422	20.5	4,797,845	484,452	9,904	8.5
Net farm income	2,679,458	891,799	3,005	18.5	1,611,081	334,023	4,823	13.7	4,630,355	484,704	9,553	9.6
Farm assets	188,536,183	891,858	211,397	11.0	91,220,449	334,001	273,115	5.6	189,774,394	484,691	391,537	3.3
Liabilities	16,592,198	829,680	19,998	11.3	7,587,884	320,425	23,681	10.0	20,829,966	472,822	44,055	4.0
Equity	171,943,985	892,268	192,704	11.1	83,632,565	334,023	250,380	5.7	168,944,428	484,691	348,561	3.5
Capital investments	2,462,141	380,806	6,466	10.0	1,480,010	185,924	7,960	12.0	3,441,456	310,685	11,077	5.0

See footnote at end of table.

Continued—

Appendix table 12—Selected characteristics of farms, by acreage class, 1991—Continued

Item	500-999 acres				1,000-1,999 acres				2,000 or more acres			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	142,926	205,615	695	3.4	153,108	112,255	1,364	4.7	331,770	70,810	4,685	5.9
Owned	75,905	179,415	423	4.7	73,176	97,587	750	6.3	188,710	62,189	3,034	8.5
Rented in	71,023	160,720	442	4.1	84,521	90,887	930	5.8	149,147	55,538	2,686	6.8
Rented out	4,039	22,576	179	15.3	4,630	15,552	298	21.2	6,194	8,820	702	18.8
Cropland removed from production	12,020	129,485	93	8.5	19,344	82,836	234	9.7	26,400	42,725	618	7.5
Conservation Reserve Program	4,657	28,257	165	17.8	6,696	22,238	301	17.4	8,061	16,945	476	12.8
Set-aside and other	5,059	115,678	44	6.7	6,831	74,862	91	7.1	7,260	36,523	199	8.0
Summer fallow	2,303	18,089	127	14.9	5,817	23,588	247	16.3	11,079	20,350	544	10.1
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	27,451,009	204,411	134,293	4.0	21,794,523	112,255	194,153	6.1	24,167,532	70,492	342,839	6.9
Livestock sales	11,755,883	141,469	83,099	6.5	6,720,750	70,094	95,883	7.8	8,515,669	52,030	163,670	7.8
Crop sales	12,163,730	146,518	83,019	5.2	11,791,644	85,590	137,768	9.5	11,771,420	46,154	255,049	11.1
Govt. payments	1,429,489	137,877	10,368	5.2	1,726,159	84,706	20,378	5.9	1,569,866	46,401	33,832	6.4
Other farm-related income	2,101,908	142,764	14,723	8.8	1,555,971	85,952	18,103	8.3	2,310,577	52,822	43,742	17.5
Cash expenses	22,266,708	205,537	108,334	3.9	18,136,762	112,255	161,568	6.9	19,761,412	70,810	279,078	7.1
Net cash farm income	5,184,301	205,615	25,214	7.5	3,657,761	112,255	32,585	8.3	4,406,120	70,810	62,225	13.2
Net farm income	4,100,536	205,615	19,943	9.5	3,081,527	112,255	27,451	10.9	3,735,736	70,810	52,758	18.5
Farm assets	125,744,072	205,531	611,802	4.2	96,445,769	112,255	859,170	6.5	112,452,704	70,810	1,588,100	7.1
Liabilities	18,705,277	203,239	92,036	4.8	15,755,589	111,886	140,818	8.4	17,258,671	70,329	245,401	13.6
Equity	107,038,794	205,537	520,777	4.7	80,690,180	112,255	718,814	7.0	95,194,033	70,810	1,344,367	7.3
Capital investments	2,738,330	148,148	18,484	5.1	2,171,346	85,004	25,544	7.6	1,795,248	57,238	31,365	6.9

*The relative standard error of the estimate exceeds 25 percent.

r=The relative standard error of the estimate exceeds 50 percent.

na=Not applicable.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 13—Selected characteristics of farms, by sales class, 1991

Item	\$9,999 or less				\$10,000-\$19,999				\$20,000-\$39,999			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	111,821	1,001,653	112	9.8	55,079	232,028	237	7.0	94,627	232,096	408	9.8
Owned	98,894	962,945	103	10.7	43,345	217,768	199	6.6	68,443	203,354	337	12.2
Rented in	22,702	252,310	90	12.7	17,303	90,665	191	15.0	31,301	128,177	244	8.6
Rented out	9,979	128,765	78	12.1	5,636	36,854	153	17.8	5,121	32,586	157	15.7
Cropland removed from production	6,484	122,483	53	10.9	5,170	59,916	86	18.2	6,889	85,494	81	11.9
Conservation Reserve Program	4,824	75,689	64	13.5	3,549	20,125	176	25.0	3,758	21,229	177	17.4
Set-aside and other	850	42,236	20	15.0	1,040	40,682	26	21.7	1,661	68,206	24	15.0
Summer fallow	810	17,306	47	27.9	582	*8,706	67	25.7	1,470	16,536	89	16.5
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	3,853,079	860,073	4,480	5.2	3,414,504	231,757	14,733	5.1	6,763,444	232,096	29,141	4.7
Livestock sales	1,800,569	578,451	3,113	5.5	1,706,607	160,221	10,652	6.5	3,072,055	155,713	19,729	5.8
Crop sales	764,933	286,161	2,673	7.2	1,145,009	117,998	9,704	7.7	2,485,720	141,408	17,578	7.3
Govt. payments	338,322	138,260	2,447	10.0	315,892	70,414	4,486	14.0	459,299	92,171	4,983	9.9
Other farm-related income	949,255	250,650	3,787	15.4	246,995	92,452	2,672	14.5	746,371	121,934	6,121	15.4
Cash expenses	7,678,911	994,539	7,721	5.1	3,764,199	231,821	16,237	5.7	6,144,967	232,096	26,476	4.9
Net cash farm income	-3,825,832	999,619	-3,827	nc	-349,695	232,028	-1,507	nc	618,477	232,096	2,665	25.1
Net farm income	-805,575	1,000,959	-805	nc	468,801	232,028	*2,020	33.2	1,287,168	232,096	5,546	16.6
Farm assets	202,989,696	1,000,969	202,793	8.9	69,453,623	232,028	299,332	6.9	81,130,514	232,057	349,615	6.5
Liabilities	12,896,878	936,092	13,777	12.6	4,140,720	221,712	18,676	12.3	5,588,037	224,336	24,909	8.4
Equity	190,092,818	1,001,362	189,834	8.8	65,312,903	232,028	281,487	7.0	75,542,477	232,096	325,480	6.8
Capital investments	2,106,903	418,353	5,036	9.1	857,003	126,910	6,753	11.2	1,096,769	145,761	7,524	11.4

See footnotes at end of table.

Continued—

Appendix table 13—Selected characteristics of farms, by sales class, 1991—Continued

Item	\$40,000-\$99,999				\$100,000-\$249,999			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	207,008	309,425	669	5.1	201,646	214,779	939	4.4
Owned	114,760	264,207	434	6.2	100,106	183,341	546	5.9
Rented in	100,913	215,920	467	7.4	108,004	170,230	634	5.5
Rented out	9,559	36,793	260	19.0	7,327	16,114	*455	37.2
Cropland removed from production	23,411	162,858	144	9.4	17,766	127,397	139	7.1
Conservation Reserve Program	9,422	33,120	284	15.3	4,597	23,117	199	14.1
Set-aside and other	6,213	147,786	42	7.7	7,406	119,130	62	6.1
Summer fallow	7,775	33,100	235	14.3	5,762	18,532	311	12.5
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	20,863,405	309,425	67,426	3.2	31,868,237	214,779	148,377	2.6
Livestock sales	9,148,119	206,521	44,296	4.0	13,907,301	141,941	97,980	3.6
Crop sales	8,326,909	226,958	36,689	4.6	13,744,185	161,785	84,953	3.6
Govt. payments	1,603,313	177,096	9,053	7.1	1,843,955	137,294	13,431	4.2
Other farm-related income	1,785,065	214,367	8,327	9.7	2,372,796	168,182	14,109	9.2
Cash expenses	17,135,615	309,425	55,379	3.6	25,743,109	214,779	119,859	2.7
Net cash farm income	3,727,791	309,425	12,047	8.3	6,125,127	214,779	28,518	5.0
Net farm income	3,091,067	309,425	9,990	11.4	4,980,571	214,779	23,189	8.1
Farm assets	138,960,686	309,419	449,102	4.4	141,264,555	214,779	657,721	3.5
Liabilities	16,613,057	304,372	54,581	5.2	25,154,861	212,547	118,350	4.8
Equity	122,347,629	309,425	395,403	4.7	116,109,693	214,779	540,601	3.9
Capital investments	2,736,366	215,918	12,673	6.9	3,396,250	169,142	20,079	5.0

See footnotes at end of table.

Continued—

Appendix table 13—Selected characteristics of farms, by sales class, 1991—Continued

Item	\$250,000-\$499,999				\$500,000 or more			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	95,494	69,367	1,377	7.9	88,551	40,551	2,184	7.1
Owned	44,030	61,303	718	11.4	45,954	33,933	1,354	10.2
Rented in	53,055	54,625	971	8.2	44,862	31,048	1,445	7.5
Rented out	1,611	8,450	191	19.8	2,294	5,300	433	22.7
Cropland removed from production	6,310	41,338	153	11.8	6,845	19,804	346	15.0
Conservation Reserve Program	1,382	6,122	226	21.0	1,295	3,503	*370	30.1
Set-aside and other	2,944	38,955	76	8.2	3,142	18,506	170	11.5
Summer fallow	1,984	4,980	398	22.9	2,408	3,350	719	21.7
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	20,657,686	69,367	297,801	4.8	43,246,609	40,551	1,066,468	6.0
Livestock sales	8,310,161	43,612	190,546	6.4	17,047,184	21,179	804,924	7.7
Crop sales	9,890,195	54,490	181,504	6.8	21,842,864	29,754	734,109	9.5
Govt. payments	889,498	44,959	19,785	6.6	853,665	20,722	41,196	7.4
Other farm-related income	1,567,833	56,802	27,602	8.4	3,502,897	30,556	114,638	13.5
Cash expenses	15,942,678	69,367	229,829	4.5	34,853,246	40,551	859,486	6.5
Net cash farm income	4,715,008	69,367	67,971	8.9	8,393,363	40,551	206,982	8.6
Net farm income	4,142,166	69,367	59,713	10.6	6,674,496	40,551	164,594	11.4
Farm assets	71,605,405	69,367	1,032,262	6.1	98,769,091	40,525	2,437,211	7.4
Liabilities	12,555,179	69,197	181,442	5.8	19,780,852	40,124	492,990	12.7
Equity	59,050,225	69,367	851,267	6.9	78,988,239	40,525	1,949,101	7.3
Capital investments	1,765,940	58,038	30,427	6.4	2,129,300	33,684	63,214	9.8

*=The relative standard error of the estimate exceeds 25 percent.

nc=Not computed.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 14—Selected characteristics of farms, by farm type, 1991

Item	Cash grains				Tobacco				Cotton			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	240,820	401,988	599	3.2	14,449	97,218	149	9.3	22,201	23,823	932	8.4
Owned	110,063	339,904	324	5.0	9,236	91,529	101	10.1	7,122	18,144	393	13.8
Rented in	140,030	269,308	520	3.6	5,638	47,039	120	14.7	15,567	19,809	786	9.8
Rented out	9,352	55,996	167	11.7	424	*10,336	*41	31.8	515	*3,172	*162	17.7
Cropland removed from production	38,618	286,265	135	6.2	455	14,083	32	13.0	2,719	19,408	140	13.9
Conservation Reserve Program	10,162	59,045	172	12.6	81	*1,442	56	36.6	827	*3,077	*269	37.8
Set-aside and other	12,852	260,924	49	4.8	323	10,811	30	14.3	1,645	19,199	86	7.8
Summer fallow	15,603	53,342	293	8.8	d	d	d	na	246	1,821	135	19.8
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	31,157,215	394,444	78,990	2.8	3,167,612	96,935	32,678	10.7	4,539,157	23,823	190,534	5.5
Livestock sales	3,351,999	144,335	23,224	6.1	266,624	41,400	6,440	12.4	95,337	6,924	13,768	17.3
Crop sales	21,587,178	375,545	57,482	2.9	2,767,313	91,720	30,171	11.6	3,557,345	21,076	168,788	5.7
Govt. payments	3,448,984	297,951	11,576	3.9	47,468	15,920	2,982	14.1	391,429	20,788	18,830	6.6
Other farm-related income	2,769,054	272,250	10,171	6.6	86,207	28,721	3,002	16.8	495,045	15,487	31,966	13.2
Cash expenses	24,808,774	401,258	61,827	2.8	2,472,523	96,286	25,679	10.0	3,725,591	23,745	156,902	5.6
Net cash farm income	6,348,441	401,258	15,821	5.6	695,089	97,218	7,150	18.2	813,566	23,823	34,150	14.3
Net farm income	5,829,057	401,988	14,501	7.0	978,259	97,218	10,063	13.0	718,913	23,823	30,177	16.6
Farm assets	163,428,908	401,981	406,558	3.0	20,723,721	97,218	213,169	9.6	12,952,586	23,704	546,419	8.8
Liabilities	26,656,787	389,892	68,370	4.3	1,744,825	91,652	19,038	10.4	2,251,504	23,352	96,416	7.9
Equity	136,772,121	401,988	340,240	3.1	18,978,896	97,218	195,221	10.2	10,701,082	23,727	451,010	10.0
Capital investments	4,035,166	244,026	16,536	5.3	460,274	57,270	8,037	14.8	470,991	16,776	28,076	10.4

See footnotes at end of table.

Continued—

Appendix table 14—Selected characteristics of farms, by farm type, 1991—Continued

Item	Other field crops				Vegetables, fruits, or nuts				Nursery or greenhouse			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	51,122	184,757	277	6.0	15,409	120,742	128	8.0	5,026	60,209	*83	34.6
Owned	39,350	173,828	226	7.1	11,334	114,412	99	9.1	3,251	56,256	58	21.5
Rented in	17,124	47,608	360	9.2	4,980	35,766	139	12.0	r	13,198	r	na
Rented out	5,571	39,880	140	15.8	905	11,493	79	21.7	719	*5,151	*139	52.4
Cropland removed from production	12,314	92,361	133	11.5	869	8,142	*107	28.3	d	d	d	na
Conservation Reserve Program	9,444	68,168	139	14.2	147	*2,073	*71	32.0	d	d	d	na
Set-aside and other	2,081	24,639	84	16.7	584	*4,458	*131	40.2	d	d	d	na
Summer fallow	789	8,295	95	25.7	139	*2,124	*65	41.7	d	d	d	na
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	7,587,188	171,108	44,341	6.3	15,168,270	104,386	145,309	11.4	7,495,096	57,470	130,418	17.7
Livestock sales	477,532	30,137	15,845	13.9	197,909	13,179	15,017	23.1	d	d	d	na
Crop sales	5,345,758	94,205	56,746	7.7	12,990,426	101,034	128,574	12.5	7,352,962	56,080	131,115	18.0
Govt. payments	724,642	93,029	7,789	10.3	92,532	8,804	*10,510	25.4	d	d	d	na
Other farm-related income	1,039,255	69,407	14,973	8.9	1,887,403	41,157	45,859	19.0	122,860	11,303	*10,869	38.7
Cash expenses	6,316,642	180,646	34,967	6.5	12,682,176	120,518	105,231	12.1	6,345,218	60,136	105,515	18.1
Net cash farm income	1,270,546	183,586	6,921	16.1	2,486,094	120,681	*20,601	23.9	1,149,879	60,136	*19,121	32.9
Net farm income	1,452,490	184,062	7,891	15.1	2,028,379	120,742	*16,799	31.8	1,332,123	60,209	*22,125	29.3
Farm assets	61,320,328	184,757	331,897	6.8	93,020,648	120,594	771,351	22.4	22,274,112	60,209	369,945	17.6
Liabilities	6,416,663	170,932	37,539	8.1	11,047,612	112,936	97,822	26.1	2,933,596	56,967	51,497	22.0
Equity	54,903,665	184,757	297,167	7.3	81,973,036	120,742	678,911	22.9	19,340,516	60,209	321,222	18.4
Capital investments	957,469	63,042	15,188	13.8	929,493	59,233	15,692	11.7	537,561	27,132	*19,813	33.9

See footnotes at end of table.

Continued—

Appendix table 14—Selected characteristics of farms, by farm type, 1991—Continued

Item	Beef, hogs, or sheep				Poultry			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	425,437	898,049	474	4.6	3,114	30,394	102	14.3
Owned	282,606	846,850	334	5.7	2,418	29,128	83	13.3
Rented in	163,308	360,856	453	6.2	853	7,191	119	24.9
Rented out	22,235	109,395	203	15.5	157	*4,785	33	29.5
Cropland removed from production	15,259	137,346	111	7.8	85	*1,042	*82	42.8
Conservation Reserve Program	6,934	36,731	189	12.8	d	d	d	na
Set-aside and other	4,716	108,458	43	7.7	d	d	d	na
Summer fallow	3,609	24,184	149	14.3	d	d	d	na
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	3,725,696	816,172	41,322	3.9	3,781,335	28,653	131,969	19.3
Livestock sales	26,685,487	793,799	33,617	4.4	2,398,714	19,675	*121,917	26.7
Crop sales	3,381,202	189,879	17,807	5.5	85,337	*5,862	*14,558	22.5
Govt. payments	1,231,899	174,501	7,060	5.1	10,266	*1,092	*9,402	32.9
Other farm-related income	2,427,109	320,640	7,570	10.9	1,287,019	22,326	57,647	22.5
Cash expenses	31,587,194	896,876	35,219	3.8	2,906,289	30,394	95,620	19.9
Net cash farm income	2,138,502	898,049	2,381	20.7	875,045	30,394	*28,790	24.0
Net farm income	3,487,690	898,049	3,884	14.6	730,333	30,394	*24,029	28.0
Farm assets	300,077,724	897,566	334,324	3.4	12,133,845	30,394	399,215	15.8
Liabilities	26,077,974	859,829	30,329	4.6	2,038,007	29,039	70,181	22.3
Equity	273,999,749	897,828	305,181	3.6	10,095,838	30,394	332,162	15.4
Capital investments	4,180,804	494,904	8,448	5.0	230,873	14,102	*16,371	27.0

See footnotes at end of table.

Continued—

Appendix table 14—Selected characteristics of farms, by farm type, 1991—Continued

Item	Dairy				Other livestock			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	50,320	158,469	318	3.9	26,327	124,252	212	10.1
Owned	32,104	139,506	230	4.6	18,049	117,292	154	10.5
Rented in	18,844	107,478	175	5.7	9,302	34,724	268	17.1
Rented out	628	8,187	77	22.0	1,024	16,466	62	22.7
Cropland removed from production	1,390	45,633	30	10.5	1,046	13,525	77	20.6
Conservation Reserve Program	390	5,224	75	23.9	719	*5,940	121	23.8
Set-aside and other	813	38,680	21	10.7	196	6,955	28	18.8
Summer fallow	187	6,290	30	25.9	d	d	d	na
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	21,273,823	155,578	136,740	3.5	2,771,571	109,479	25,316	12.2
Livestock sales	19,538,556	155,531	125,625	3.5	1,965,416	99,784	19,697	13.1
Crop sales	911,635	62,062	14,689	8.5	220,657	21,090	10,463	23.6
Govt. payments	273,072	53,416	5,112	7.1	78,799	13,905	5,667	16.3
Other farm-related income	550,559	104,217	5,283	12.9	506,700	49,434	10,250	24.1
Cash expenses	17,154,443	158,469	108,251	3.5	3,263,874	124,252	26,268	10.7
Net cash farm income	4,119,380	158,469	25,995	6.0	-492,303	124,252	-3,962	nc
Net farm income	3,261,262	158,469	20,580	8.0	r	124,252	r	na
Farm assets	80,323,337	158,469	506,872	3.2	37,918,362	124,252	305,174	9.9
Liabilities	14,454,612	157,905	91,540	4.7	3,108,005	115,878	26,821	13.0
Equity	65,868,725	158,469	415,658	3.4	34,810,357	124,252	280,160	10.2
Capital investments	1,715,363	118,697	14,452	6.4	570,537	72,624	7,856	13.0

*=The relative standard error of the estimate exceeds 25 percent.

r=The relative standard error of the estimate exceeds 50 percent.

d=Data insufficient for disclosure.

na=Not applicable.

nc=Not computed.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 15—Selected characteristics of farms, by operator occupation, 1991

Item	Farming				Hired farm manager				Other occupation			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	698,626	1,178,434	593	2.8	19,304	15,572	*1,240	22.9	136,296	905,894	150	4.6
Owned	399,837	1,055,911	379	4.0	16,450	14,634	*1,124	23.5	99,245	856,304	116	5.2
Rented in	326,795	639,693	511	3.2	r	5,050	r	na	46,537	298,233	156	8.0
Rented out	29,949	151,754	197	11.7	2,014	*2,053	*981	31.5	9,566	111,055	86	11.8
Cropland removed from production	59,413	460,250	129	4.4	470	*3,129	*150	29.3	12,991	155,911	83	11.7
Conservation Reserve Program	19,321	105,250	184	8.1	d	d	d	na	9,329	77,155	121	15.5
Set-aside and other	20,755	393,001	53	3.6	179	*2,523	*71	20.8	2,323	79,977	29	13.7
Summer fallow	19,337	80,978	239	7.3	d	d	d	na	1,340	20,663	65	20.4
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	113,153,044	1,142,452	99,044	2.2	6,311,905	14,750	*427,913	22.2	11,202,014	800,846	13,988	4.6
Livestock sales	47,480,140	763,994	62,147	2.8	2,374,967	*7,985	*297,420	28.4	5,136,888	535,659	9,590	6.0
Crop sales	50,734,443	709,686	71,489	3.7	3,420,329	8,266	*413,763	35.2	4,045,041	300,601	13,457	7.0
Govt. payments	5,436,879	505,109	10,764	2.7	46,396	3,214	14,437	23.2	820,669	172,592	4,755	10.4
Other farm-related income	9,501,582	674,700	14,083	5.8	470,214	6,655	*70,652	23.8	1,199,415	253,587	4,730	15.8
Cash expenses	91,940,036	1,176,178	78,168	2.2	6,007,275	15,413	*389,762	23.7	13,315,413	900,988	14,779	4.3
Net cash farm income	21,213,008	1,178,182	18,005	4.1	r	15,572	r	na	-2,113,399	904,112	-2,338	nc
Net farm income	19,834,768	1,178,434	16,831	4.8	r	15,572	r	na	r	905,199	r	na
Farm assets	559,054,515	1,178,001	474,579	2.0	29,445,768	15,546	1,894,070	21.1	215,673,287	905,598	238,156	9.8
Liabilities	73,601,788	1,139,301	64,603	2.8	r	14,430	r	na	19,162,101	854,649	22,421	10.0
Equity	485,452,727	1,178,417	411,953	2.2	25,480,072	15,546	1,638,980	19.4	196,511,187	905,620	216,991	9.9
Capital investments	10,946,837	739,972	14,794	3.1	278,169	7,867	*35,357	27.8	2,863,524	419,966	6,818	7.9

*The relative standard error of the estimate exceeds 25 percent.

r=The relative standard error of the estimate exceeds 50 percent.

d=Data insufficient for disclosure.

na=Not applicable.

nc=Not computed.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 16—Selected characteristics of farms, by operator age, 1991

Item	Less than 35 years				35-44 years				45-54 years			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	80,481	197,151	408	8.9	195,897	435,088	450	5.2	199,906	473,851	422	4.5
Owned	30,017	144,175	208	13.0	83,438	377,311	221	7.0	117,095	442,060	265	6.1
Rented in	51,829	126,231	411	9.1	116,905	246,793	474	6.7	92,129	238,344	387	5.3
Rented out	1,372	9,496	*144	31.0	5,375	34,113	*158	28.7	10,225	48,341	*212	27.3
Cropland removed from production	6,844	65,921	104	19.6	16,553	140,124	118	10.1	16,526	141,340	117	7.6
Conservation Reserve Program	1,768	11,718	151	23.3	5,971	32,909	181	21.3	5,397	38,943	139	13.5
Set-aside and other	2,862	58,054	49	15.1	6,316	115,365	55	7.3	6,160	114,736	54	7.4
Summer fallow	2,214	10,846	204	34.8	4,266	21,356	200	16.9	4,970	20,599	241	13.1
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	15,009,077	188,336	79,693	5.8	34,209,231	405,789	84,303	4.8	34,897,416	440,048	79,304	5.3
Livestock sales	6,190,939	122,600	50,497	7.2	13,289,669	265,731	50,012	6.1	13,698,493	306,023	44,763	5.9
Crop sales	6,984,803	118,785	58,802	9.1	16,391,238	236,075	69,432	8.0	16,688,183	227,175	73,460	9.4
Govt. payments	676,629	73,553	9,199	9.7	1,686,651	150,293	11,222	6.5	1,489,124	155,558	9,573	4.9
Other farm-related income	1,156,705	109,138	10,599	11.1	2,841,673	211,858	13,413	7.6	3,021,617	218,834	13,808	11.3
Cash expenses	12,763,064	196,899	64,820	5.7	29,448,044	434,071	67,842	5.0	29,943,465	472,738	63,340	5.4
Net cash farm income	2,246,013	197,151	11,392	18.7	4,761,187	434,393	10,961	8.7	4,953,951	473,790	10,456	12.6
Net farm income	1,970,062	197,151	9,993	21.4	4,140,683	434,393	9,532	10.5	4,727,261	473,851	9,976	14.9
Farm assets	56,277,522	197,098	285,531	7.6	150,686,290	435,075	346,345	4.6	200,882,717	473,388	424,351	6.2
Liabilities	12,948,836	187,393	69,100	9.5	29,036,421	421,682	68,859	5.1	29,780,097	453,589	65,654	8.5
Equity	43,328,686	197,120	219,808	8.7	121,649,869	435,075	279,607	5.1	171,102,620	473,657	361,238	6.5
Capital investments	2,123,655	141,700	14,987	8.5	4,096,339	282,255	14,513	6.2	3,444,074	280,393	12,283	6.3

See footnotes at end of table.

Continued—

Appendix table 16—Selected characteristics of farms, by operator age, 1991—Continued

Item	55-64 years				65 years or older			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	190,518	459,588	415	4.5	187,425	534,322	351	7.7
Owned	129,465	443,082	292	4.8	155,517	520,222	299	8.8
Rented in	68,833	189,033	364	7.3	48,443	142,574	340	7.9
Rented out	7,915	62,930	126	12.9	16,642	109,982	151	10.0
Cropland removed from production	16,785	139,423	120	8.3	16,166	132,481	122	9.6
Conservation Reserve Program	7,004	43,601	161	13.3	8,687	55,733	156	13.6
Set-aside and other	4,482	104,262	43	6.1	3,437	83,083	41	8.6
Summer fallow	5,299	25,267	210	14.0	4,042	24,442	165	15.2
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	28,167,704	421,249	66,867	4.3	18,383,536	502,626	36,575	5.8
Livestock sales	13,099,656	280,107	46,767	5.6	8,713,239	333,177	26,152	8.9
Crop sales	11,080,084	213,512	51,894	5.8	7,055,506	223,006	31,638	9.2
Govt. payments	1,349,054	153,912	8,765	5.5	1,102,486	147,599	7,469	7.3
Other farm-related income	2,638,910	186,609	14,141	14.6	1,512,306	208,505	7,253	12.0
Cash expenses	23,251,063	458,177	50,747	4.2	15,857,089	530,695	29,880	5.8
Net cash farm income	4,916,641	458,532	10,723	8.5	2,526,446	533,999	4,731	13.7
Net farm income	5,751,277	459,588	12,514	8.7	3,249,412	534,222	6,083	10.8
Farm assets	188,208,478	459,509	409,586	3.4	208,118,562	534,075	389,681	5.0
Liabilities	17,254,722	442,546	38,990	5.0	7,709,508	503,170	15,322	7.9
Equity	170,953,757	459,509	372,036	3.5	200,409,054	534,222	375,142	5.1
Capital investments	2,632,934	244,493	10,769	5.3	1,791,529	218,964	8,182	7.6

*The relative standard error of the estimate exceeds 25 percent.

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 17—Selected characteristics of farms, by operator education, 1991

Item	Less than high school				High school			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	125,995	494,585	255	7.3	315,292	849,389	371	3.3
Owned	92,940	467,414	199	8.5	181,203	773,564	234	4.0
Rented in	42,217	185,895	227	8.9	148,624	410,352	362	4.5
Rented out	10,072	75,182	134	17.0	15,487	98,558	157	18.6
Cropland removed from production	9,115	106,689	85	11.2	27,794	275,795	101	7.4
Conservation Reserve Program	4,181	35,346	118	16.0	11,452	80,256	143	12.4
Set-aside and other	2,613	69,937	37	9.3	8,553	213,836	40	5.6
Summer fallow	2,321	22,888	101	16.1	7,790	37,395	208	12.9
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	16,181,034	452,288	35,776	5.1	51,902,618	797,419	65,088	3.8
Livestock sales	9,197,794	314,128	29,280	7.2	22,537,881	546,799	41,218	4.1
Crop sales	5,065,140	208,661	24,274	7.2	23,091,325	418,437	55,185	7.1
Govt. payments	689,840	113,328	6,087	7.3	2,540,722	306,598	8,287	4.5
Other farm-related income	1,228,259	197,299	6,225	10.4	3,732,690	387,466	9,634	7.6
Cash expenses	13,788,235	491,292	28,065	5.5	43,621,017	848,136	51,432	3.8
Net cash farm income	2,392,799	494,361	4,840	10.6	8,281,600	848,599	9,759	8.3
Net farm income	3,247,909	494,585	6,567	10.7	8,159,362	849,389	9,606	9.0
Farm assets	136,714,182	494,569	276,431	4.4	303,961,619	848,854	358,085	3.2
Liabilities	10,389,934	465,451	22,322	6.2	36,603,500	812,709	45,039	4.1
Equity	126,324,248	494,585	255,415	4.7	267,358,119	849,116	314,866	3.4
Capital investments	1,930,605	245,580	7,861	7.2	5,865,543	465,824	12,592	4.8

See footnote at end of table.

Continued—

Appendix table 17—Selected characteristics of farms, by operator education, 1991—Continued

Item	Some college				College			
	Total	Farms reporting	Mean per reporting farm	RSE of total ¹	Total	Farms reporting	Mean per reporting farm	RSE of total ¹
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	232,422	432,384	538	6.4	180,517	323,542	558	5.6
Owned	135,571	387,506	350	9.5	105,818	298,366	355	6.2
Rented in	105,281	210,870	499	6.0	82,017	135,859	604	8.5
Rented out	8,464	51,410	165	16.0	7,506	39,712	189	13.6
Cropland removed from production	19,453	136,085	143	7.9	16,511	100,721	164	10.2
Conservation Reserve Program	7,560	36,515	207	13.9	5,633	30,786	183	18.3
Set-aside and other	6,177	113,404	54	7.3	5,914	78,324	76	8.8
Summer fallow	5,716	22,537	254	14.1	4,965	19,690	252	15.8
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	31,402,812	408,248	76,921	4.4	31,180,501	300,094	103,902	5.5
Livestock sales	12,066,196	262,449	45,975	5.1	11,190,123	184,262	60,729	8.6
Crop sales	14,451,964	221,113	65,360	6.6	15,591,385	170,343	91,530	8.2
Govt. payments	1,650,883	150,922	10,939	5.5	1,422,499	110,066	12,924	6.8
Other farm-related income	3,233,769	201,389	16,057	13.7	2,976,493	148,789	20,005	8.8
Cash expenses	26,897,123	432,384	62,207	4.7	26,956,349	320,767	84,037	5.5
Net cash farm income	4,505,689	432,384	10,421	10.9	4,224,151	322,522	13,097	12.2
Net farm income	4,051,593	432,384	9,370	13.9	4,379,830	322,847	13,566	11.4
Farm assets	190,355,218	432,230	440,402	4.6	173,142,551	323,492	535,230	10.3
Liabilities	25,281,829	418,545	60,404	9.2	24,454,322	311,675	78,461	8.0
Equity	165,073,389	432,384	381,775	4.6	148,688,229	323,498	459,626	11.0
Capital investments	3,173,425	265,345	11,960	5.1	3,118,957	191,056	16,325	7.8

¹The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.

Appendix table 18—Farm size, by farm operator household dependency category and region, 1991¹

Household dependency category	All regions			Northeast			Lake States			Corn Belt		
	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Positive household income:												
Loss from farming	934,379	217	5.1	72,591	101	7.3	89,155	154	11.0	167,052	162	7.3
0-24 percent from farming	364,111	267	11.7	18,521	148	17.9	34,539	214	12.6	84,071	187	8.8
25-49 percent from farming	176,489	540	7.8	6,929	246	17.3	22,007	301	12.2	46,947	289	7.4
50-74 percent from farming	116,463	754	9.0	6,404	299	13.5	14,828	378	8.9	33,824	511	8.3
75 percent and more from farming	277,114	772	3.9	21,884	278	11.8	40,975	470	5.8	61,035	571	4.8
Negative household income	211,576	649	5.6	18,125	261	7.3	18,782	339	11.1	40,531	415	8.9
	<i>Sales (Dollars)</i>			<i>Sales (Dollars)</i>			<i>Sales (Dollars)</i>			<i>Sales (Dollars)</i>		
Positive household income:												
Loss from farming	934,379	14,752	4.5	72,591	12,492	11.9	89,155	17,408	11.7	167,052	20,236	8.9
0-24 percent from farming	364,111	26,857	5.8	18,521	34,599	25.3	34,539	27,401	19.1	84,071	32,365	11.2
25-49 percent from farming	176,489	75,726	7.7	6,929	71,051	16.7	22,007	77,993	13.1	46,947	74,928	10.6
50-74 percent from farming	116,463	125,474	6.2	6,404	258,281	33.3	14,828	102,920	9.7	33,824	124,569	9.6
75 percent and more from farming	277,114	216,643	3.9	21,884	180,834	12.0	40,975	193,849	8.2	61,035	194,577	4.9
Negative household income	211,576	93,670	6.0	18,125	85,853	15.9	18,782	75,010	15.8	40,531	88,581	10.4

See footnotes at end of table.

Continued—

Appendix table 18—Farm size, by farm operator household dependency category and region, 1991¹—Continued

Household dependency category	Northern Plains			Appalachian			Southeast			Delta		
	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Positive household income:												
Loss from farming	53,598	442	17.5	150,033	115	6.4	78,251	164	19.8	58,724	207	19.8
0-24 percent from farming	25,510	823	42.3	75,916	119	7.8	25,902	167	12.8	18,360	225	18.2
25-49 percent from farming	23,183	754	17.6	20,878	202	19.8	12,135	214	14.0	*7,835	299	25.4
50-74 percent from farming	21,249	1,313	19.2	8,650	276	19.7	7,288	331	25.8	3,880	602	25.0
75 percent and more from farming	43,527	1,273	9.9	26,736	287	12.5	16,218	411	15.6	12,373	703	9.0
Negative household income	25,111	1,243	9.6	19,251	291	13.6	15,186	388	17.1	11,892	603	11.2
		<i>Sales (Dollars)</i>			<i>Sales (Dollars)</i>			<i>Sales (Dollars)</i>			<i>Sales (Dollars)</i>	
Positive household income:												
Loss from farming	53,598	26,773	17.1	150,033	8,988	11.9	78,251	9,942	17.6	58,724	11,379	25.9
0-24 percent from farming	25,510	33,479	17.4	75,916	15,570	14.1	25,902	31,020	26.4	18,360	37,313	23.5
25-49 percent from farming	23,183	57,073	16.3	20,878	54,625	22.3	12,135	60,730	23.6	*7,835	55,043	27.3
50-74 percent from farming	21,249	92,144	11.8	8,650	92,413	18.4	7,288	119,539	25.5	3,880	157,341	18.9
75 percent and more from farming	43,527	184,746	10.9	26,736	113,069	10.4	16,218	228,587	11.4	12,373	254,029	9.1
Negative household income	25,111	161,102	21.0	19,251	53,227	26.0	15,186	75,576	20.7	11,892	117,303	17.7

See footnotes at end of table.

Continued—

Appendix table 18—Farm size, by farm operator household dependency category and region, 1991¹—Continued

Household dependency category	Southern Plains			Mountain			Pacific		
	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Positive household income:									
Loss from farming	129,377	310	11.4	53,830	640	21.0	81,770	176	26.5
0-24 percent from farming	50,483	421	25.4	13,063	520	22.8	17,748	274	31.7
25-49 percent from farming	16,614	960	19.4	11,392	2,282	20.2	8,570	575	29.5
50-74 percent from farming	8,352	1,041	24.6	6,735	2,021	20.0	*5,252	1,087	49.9
75 percent and more from farming	17,921	1,111	11.4	16,024	2,232	11.9	20,421	961	16.1
Negative household income	27,554	871	15.7	14,798	1,725	18.8	20,344	486	20.2
		<i>Sales</i> <i>(Dollars)</i>			<i>Sales</i> <i>(Dollars)</i>			<i>Sales</i> <i>(Dollars)</i>	
Positive household income:									
Loss from farming	129,377	13,957	15.5	53,830	17,166	15.2	81,770	12,055	19.7
0-24 percent from farming	50,483	15,345	14.2	13,063	25,308	17.0	17,748	47,393	20.8
25-49 percent from farming	16,614	130,864	36.4	11,392	82,778	18.9	8,570	103,790	17.6
50-74 percent from farming	8,352	131,922	19.9	6,735	128,680	17.0	*5,252	192,655	29.6
75 percent and more from farming	17,921	200,276	17.9	16,024	215,032	9.5	20,421	553,804	13.9
Negative household income	27,554	64,517	16.3	14,798	107,610	12.3	20,344	112,078	14.4

*=The relative standard error of the estimate exceeds 25 percent.

¹The farm operator household population described in this table differs slightly from the farm operator population. See text for more information.

²The relative standard error (RSE) provides the means of evaluating the survey results. A smaller relative standard error indicates greater reliability of the estimate.

Appendix table 19—Farm size, by farm operator household dependency category and farm organization, 1991¹

Household dependency category	Individual			Partnership			Corporation		
	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²	Expanded count	Mean	RSE of mean ²
	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>	<i>Farms</i>	<i>Acres</i>	<i>Percent</i>
Positive household income:									
Loss from farming	890,805	192	4.8	32,444	510	16.3	11,130	1,392	34.7
0-24 percent from farming	340,269	250	13.2	21,438	398	13.5	*2,404	1,529	30.5
25-49 percent from farming	162,421	469	8.2	10,042	1,114	21.3	*4,027	1,976	37.5
50-74 percent from farming	102,415	681	10.4	10,259	1,289	25.4	*3,788	1,296	29.6
75 percent and more from farming	229,923	647	4.1	32,641	1,212	9.4	14,550	1,760	17.2
Negative household income	188,677	557	5.6	14,940	1,215	21.6	7,959	1,749	21.3
		<i>Sales</i>			<i>Sales</i>			<i>Sales</i>	
		<i>(Dollars)</i>			<i>(Dollars)</i>			<i>(Dollars)</i>	
Positive household income:									
Loss from farming	890,805	13,136	4.7	32,444	43,689	16.2	11,130	59,748	19.5
0-24 percent from farming	340,269	22,885	6.0	21,438	70,411	17.5	*2,404	200,735	24.4
25-49 percent from farming	162,421	66,393	9.0	10,042	164,078	11.1	*4,027	231,855	23.1
50-74 percent from farming	102,415	105,188	5.6	10,259	202,519	15.5	*3,788	465,230	36.0
75 percent and more from farming	229,923	171,430	4.3	32,641	364,892	9.8	14,550	598,547	11.9
Negative household income	188,677	77,974	6.4	14,940	160,526	14.8	7,959	340,267	23.4

*=The relative standard error of the estimate exceeds 25 percent.

¹The farm operator household population described in this table differs slightly from the farm operator population. See text for more information.

²The relative standard error (RSE) provides the means of evaluating the survey results. A smaller relative standard error indicates greater reliability of the estimate.

Appendix table 20—Selected characteristics of farms, by farm operator household dependency category, 1991¹

Item	Positive household income											
	Loss from farming				0-24 percent from farming				25-49 percent from farming			
	Total	Farms reporting	Mean per reporting farm	RSE of total ²	Total	Farms reporting	Mean per reporting farm	RSE of total ²	Total	Farms reporting	Mean per reporting farm	RSE of total ²
	1,000 acres	Number	Acres	Percent	1,000 acres	Number	Acres	Percent	1,000 acres	Number	Acres	Percent
Acres operated	202,981	934,379	217	4.9	97,235	364,111	267	12.1	95,385	176,489	540	7.9
Owned	134,375	890,936	151	5.4	67,468	329,028	205	15.2	62,935	160,150	393	9.7
Rented in	77,548	322,790	240	7.7	35,709	131,765	271	15.5	38,979	91,703	425	10.0
Rented out	9,142	101,052	90	13.0	5,972	57,733	103	14.1	7,389	32,183	230	24.3
Cropland removed from production	10,624	146,120	73	9.4	9,500	105,299	90	12.9	8,996	75,651	119	13.3
Conservation Reserve Program	4,075	45,487	90	14.2	5,865	50,788	115	17.6	4,338	24,415	178	19.3
Set-aside and other	3,351	101,436	33	9.3	2,112	58,110	36	15.1	2,387	56,024	43	12.9
Summer fallow	3,198	28,717	111	18.4	1,523	12,244	124	24.1	2,270	13,975	162	18.1
	1,000 dollars		Dollars		1,000 dollars		Dollars		1,000 dollars		Dollars	
Gross cash income	12,894,173	814,065	15,839	3.7	8,950,014	357,640	25,025	5.3	11,411,155	175,657	64,963	5.7
Livestock sales	6,579,655	581,655	11,312	4.6	4,116,696	223,525	18,417	7.5	4,906,793	115,160	42,609	8.0
Crop sales	4,474,341	337,139	13,272	5.6	3,337,334	155,017	21,529	7.9	4,783,532	103,237	46,335	8.6
Govt. payments	808,892	170,854	4,734	6.6	584,213	112,771	5,181	9.3	742,273	80,663	9,202	10.9
Other farm-related income	1,031,286	281,836	3,659	8.9	911,771	143,787	6,341	14.2	978,557	105,270	9,296	9.6
Cash expenses	17,965,071	934,379	19,227	3.5	7,165,130	359,161	19,950	5.9	8,029,747	175,257	45,817	6.4
Net cash farm income	-5,070,897	934,379	-5,427	nc	1,784,883	362,077	4,930	5.4	3,381,408	176,489	19,159	5.6
Net farm income	-2,282,257	934,379	-2,443	nc	2,436,270	363,417	6,704	7.3	3,401,831	176,489	19,275	7.3
Farm assets	249,870,796	934,242	267,458	8.0	94,894,926	363,883	260,784	5.6	69,740,715	176,410	395,333	5.5
Liabilities	22,473,243	899,287	24,990	8.5	6,062,854	333,600	18,174	8.1	6,255,830	165,992	37,687	9.6
Equity	227,397,553	934,379	243,368	8.1	88,832,072	363,899	244,112	5.9	63,484,884	176,410	359,871	5.7
Capital investments	3,567,167	489,800	7,283	6.3	1,158,825	150,452	7,702	8.4	1,224,512	98,981	12,371	10.2

See footnotes at end of table.

Continued—

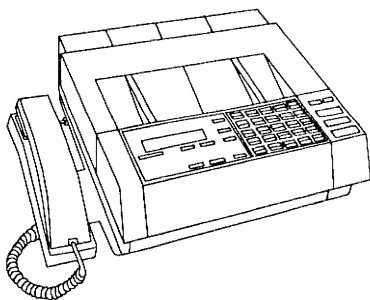
Appendix table 20—Selected characteristics of farms, by farm operator household dependency category, 1991¹—Continued

Item	Positive household income								Negative household income			
	50-74 percent from farming				75 percent and more from farming							
	Total	Farms reporting	Mean per reporting farm	RSE of total ²	Total	Farms reporting	Mean per reporting farm	RSE of total ²	Total	Farms reporting	Mean per reporting farm	RSE of total ²
	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Number</i>	<i>Acres</i>	<i>Percent</i>
Acres operated	87,848	116,463	754	10.4	213,921	277,114	772	3.9	137,246	211,576	649	5.6
Owned	50,533	102,146	495	15.2	114,721	235,262	488	5.3	67,552	191,178	353	6.5
Rented in	41,592	73,731	564	9.5	106,548	192,784	553	4.3	73,962	122,695	603	7.3
Rented out	4,311	22,392	193	20.0	8,212	28,302	*290	32.6	4,298	20,627	208	17.8
Cropland removed from production	10,609	67,035	158	13.1	21,863	143,308	153	7.8	10,635	77,433	137	11.6
Conservation Reserve Program	4,471	19,720	227	22.5	7,026	27,609	254	13.7	2,876	14,388	200	17.1
Set-aside and other	2,769	55,112	50	9.9	7,794	132,941	59	5.9	4,501	68,107	66	9.7
Summer fallow	3,369	9,707	347	21.3	7,043	22,827	309	12.3	3,258	14,013	233	23.4
	<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>		<i>1,000 dollars</i>		<i>Dollars</i>	
Gross cash income	13,560,707	116,194	116,707	6.7	57,496,828	277,114	207,485	3.7	18,236,704	198,450	91,896	5.4
Livestock sales	4,584,519	67,020	68,405	6.9	22,577,976	175,422	128,707	4.3	9,429,668	135,405	69,641	8.9
Crop sales	6,828,603	84,084	81,211	11.1	27,862,527	207,233	134,450	6.0	6,390,159	120,566	53,001	5.5
Govt. payments	886,117	71,715	12,356	9.3	2,189,941	155,113	14,118	4.3	1,005,086	84,243	11,931	6.3
Other farm-related income	1,261,467	84,006	15,016	16.2	4,866,385	192,883	25,230	10.2	1,411,791	118,372	11,927	8.5
Cash expenses	9,209,552	116,463	79,077	7.8	38,182,250	276,135	138,274	4.0	23,205,889	211,576	109,681	4.8
Net cash farm income	4,351,155	116,463	37,361	6.0	19,314,578	277,114	69,699	4.0	-4,969,184	211,576	-23,487	nc
Net farm income	3,824,206	116,463	32,836	6.6	17,012,095	277,114	61,390	4.4	-4,626,624	211,576	-21,867	nc
Farm assets	60,745,698	116,440	521,690	6.3	179,611,678	277,114	648,152	3.5	112,702,126	211,313	533,342	5.4
Liabilities	7,945,860	112,680	70,517	8.5	28,772,171	270,710	106,284	5.3	20,360,743	207,869	97,950	5.9
Equity	52,799,839	116,463	453,363	6.6	150,839,507	277,114	544,324	3.7	92,341,383	211,576	436,446	6.2
Capital investments	1,102,145	72,777	15,144	7.9	4,261,491	199,604	21,350	5.5	2,354,125	145,179	16,215	7.9

*The relative standard error of the estimate exceeds 25 percent.

nc=Not computed.

¹The farm operator household population described in this table differs slightly from the farm operator population. See text for more information.²The relative standard error (RSE) provides the means of evaluating the survey results. A smaller RSE indicates greater reliability of the estimate.



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